**Adithya Rajendra Joshi**

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**Professional Summary:**

* 14+ years of experience in Systems Design, Development and testing. As well as Implementation of Client/Server and Web based n-tier architecture systems, including strong knowledge of MVC architecture and LAMP stack.
* Expertise in Drupal theme development: create custom themes from design specifications, and modify existing themes.
* Expertise in developing solutions to implement the requirements using Drupal custom and contributed modules.
* Drupal site building: implement information architecture, install modules and configure.
* Experience in end-to-end Drupal Implementation.
* Good knowledge of Drush command line tool.
* Experience in integrating Drupal with front end technologies as Angular Js, Nodejs
* Expertise developing front-end solutions in HTML 4/5, CSS2/3, jQuery, AJAX, JSON, and JavaScript with a solid understanding of cross-browser/platform issues, standards of compliance, and XHTML best practices.
* Good working knowledge on Design Patterns, Database Design, Relational Data Modeling and Development, writing complex database queries, Constraints, Indexes, Views and writing Functions, Stored Procedures, Cursors and Triggers.
* Proficient in PHP, MySQL, XML, PDO, ADO, Object-Oriented programming.
* Experience in implementing Caching techniques (APC, Memcached etc.), Security (Authentication, Authorization) for application development and followed DRY principles.
* Knowledge in developing Web Services using web-based protocols like SOAP, REST and XML-RPC.
* Experienced with Agile/Scrum programming methodologies, test-driven development.
* Knowledge in developing websites with Responsive designs

**Technical Proficiencies:**

* **Programming Languages: PHP, C#, C, C++, Java, Python**
* **Scripting Languages: JavaScript, UNIX Shell Scripting, PL/SQL**
* **JavaScript Libraries: React.js, Redux, Jquery, Highchart.js**
* **Frameworks: Drupal (7.x, 8.x) WordPress, Joomla, NodeJs, Next.js, Gatsby, NOCMS, Codeigniter, LESS, SASS, Symfony, Doctrine, Bootstrap, Leaflet**
* **Databases: MySQL 5.2, Oracle 10G/9i, SQL SERVER 2005/2008**
* **Web technologies: HTML 4/5, CSS 2/3, SOAP, Web Services, AJAX, OOCSS, XML, XSLT, DOM,**
* **Developer Tools: MySQL Workbench 5.1, PhpMyAdmin, Sublime, Vagrant, PHP STORM, Docker, Lando, Acquia DevdesktopJira, Notepad++, Xcode, Visual Code.**
* **Tracking tools: Google Analytics, Mixpanel, New Relic**
* **Application Servers: Apache 2.2, IIS 7.0/6.0, Nginix, Varnish, Gluster, Memcache, Centos 6/7**
* **Web API: Google Map, Experian, Weather API, Salesforce,**
* **Facebook API, Twitter API, Twilio API**
* **Project Management Tool: Microsoft Visio, Slack, JIRA, Confluence**

**Professional Experience:**

**KeyBank, USA May 2022 – Present**

**Drupal Architect**

**Project Description:**

**KeyBank,** the primary subsidiary of KeyCorp, is a regional bank headquartered in Cleveland, Ohio, and is the only major bank based in Cleveland. KeyBank is one of the largest banks in the United States. I was part of team working on Dev Portal Platform project. The key technologies used are Drupal CMS,

Node js, Apigee, Google Cloud Platform, Terraform.

**Responsibilities:**

* Engaging with stakeholders on daily basis, gathering and analyzing requirement and providing solutions.
* Architect innovative and scalable solutions.
* Application Development with core and custom modules, third party internal/external system integration.
* Interacting with offshore team and providing technical guidance.
* Developing prototypes for new requirements.
* Implementing automation of process using shell scripts.
* Participating in code review, sprint planning session and deployment planning.
* Providing documentation and guidance to the team as well as stakeholders.
* Set up infrastructure for Drupal Application using Google cloud platform.
* Created script using node js officegen library to convert API YAML (Open API Format) to Word doc.

**Environment: Drupal 9, PHP, MySQL 5.6, HTML/XHTML, AWS, CSS, SASS, JavaScript, AJAX, Jquery, Bootstrap, Drush, SASS, CSS framework, Git, Drupal Console, Google cloud platform, Postman, Terraform, Nodejs, Officegen .**

**Edward Jones Nov 2021 – March 2022**

**Drupal Architect**

**Project Description:**

**Edward Jones** Edward D. Jones & Co., L.P., simplified as Edward Jones, is a financial services firm headquartered in St. Louis, Missouri, United States. It serves investment clients in the U.S. and Canada, through its branch network of more than 15,000 locations and 19,000 financial advisors. I was part of team working on Digital Experience Platform for Edward jones. The Digital experience platform used Drupal CMS, Node js , Preact(React Framework) for its core functionality and leveraged Acquia personalization , Google Analytics for improving the customer experience.

**Responsibilities:**

* Engaging with stakeholders on daily basis, gathering and analyzing requirement and providing solutions.
* Architect innovative and scalable solutions.
* Application Development with core and custom modules, third party internal/external system integration.
* Interacting with offshore team and providing technical guidance.
* Developing prototypes for new requirements as well as finding efficient way of improving existing implementations.
* Participating in Acquia TAM meeting for platform and Drupal related issues.
* Implementing automation of process using shell scripts.
* Participating in code review, sprint planning session and deployment planning.
* Providing documentation and guidance to the team as well as stakeholders.

**Environment:** Drupal 9, PHP, MySQL 5.6, Apache Solr , HTML/XHTML, CSS, SASS , AWS,

JavaScript, AJAX, Jquery, Bootstrap, Gulp, Drush ,SASS, CSS framework ,Grunt , Gulp ,Git , varnish, Memcache , Drupal Console , Acquia cloud hosting, Xampp , Postman , Acquia Dam , Acquia Personalization ,Google Analytics , New relic.

**FannieMae- Virginia Mar 2021 – Oct 2021**

**Drupal Developer/Architect**

**Project Description:**

**Fannie Mae** is a leading source of financing for mortgage lenders, providing access to affordable mortgage financing. I was part of DUS NAVIGATE project which leverage drupal to generate user-friendly interface to its Multifamily Selling and Servicing Guide, search capabilities with an intuitive UI while simultaneously improving and automating the content management workflow.

**Responsibilities:**

* Drupal 8 site building: implement information architecture, install modules and configure.
* Creating new site capabilities and features using custom and contributed modules.
* Fixing existing bugs and implementing new features.
* Devleop proof of concept for new requirements as well as finding efficent way of implementing existing implementations.
* Implementing new designs and content using Drupal theming.
* Coordinate with Acquia team for platform related issues and requirments.
* Implement automation of process using shell script.

**Environment:** Drupal 8, PHP, MySQL 5.6, Apache Solr, AWS, HTML/XHTML, CSS, SASS,

JavaScript, AJAX, Jquery, Bootstrap, Gulp, Drush, Acquia, AWS, SASS, CSS framework, Grunt, Gulp, Git , varnish, Memcache , Drupal Console, Mixpanel, Acquia cloud hosting, Xampp, Postman.

**MWAA- Virginia Dec 2020 – feb 2021**

**Drupal Architect**

**Project Description:**

**MWAA (Metropolitan Washington Airports Authority)** is a public body politic and corporate that develop, promote, and operate safely Reagan National and Dulles International airports, Dulles toll road. I was hired as Drupal Architect to assist in migration of existing sites from drupal 7 to drupal 8 in partnership with Acquia. My role included to implement features that were not part of original business requirements with Acquia. The project uses multisite architecture and progressively decoupled architecture.

**Responsibilities:**

* Drupal 8 site building: implement information architecture, install modules and configure.
* Developing architect solution and designing workflow.
* Creating new site capabilities and features using custom and contributed modules.
* Working with business development team for information and requirement gathering.
* Training existing Mwaa team .
* Integrating site with internal and external API.
* Implementing new requirement and feature request from Business.

**Environment:** Drupal 8, PHP, MySQL 5.6, Apache Solr ,HTML/XHTML, CSS, SASS ,

JavaScript, AJAX, Jquery, Bootstrap, AWS, Moderinzer, linux, Drush, Acquia Devdesktop,SASS, CSS framework ,Grunt , Gulp ,Git , varnish, Memcache , Drupal Console, Mixpanel, Acquia cloud hosting, vagrant postman,AngularJs, bash script,..

**NY DOH - New York May 2020 – Nov 2020 Lead Drupal Developer**

**Project Description:**

NYDOH is State Department of Health’s (DOH) Public Engagement Platform. I was part of team responsible for developing survey for Covid-19, form applications and maintaining public facing website for health department. My role was to design and develop solution for business use case using Drupal framework, mentor junior developer, automate work flow.

**Responsibilities:**

* Drupal 8 site building: implement information architecture, install modules and configure.
* Developing architect solution and designing workflow.
* Creating new site capabilities and features using custom and contributed modules.
* Working with business development team for information and requirement gathering.
* Integrating site with internal and external API.
* Creating and configuring Lamp stack for Drupal 8.
* Created automation script using bash script for bulk operations.
* Developing clear end-user documentation.
* Code re-factoring and finding solutions for new use case.
* Configuring local development environment.

**Environment:** Drupal 8, PHP, MySQL 5.6, Apache Solr, HTML/XHTML, CSS, SASS,

JavaScript, AJAX, Jquery, Bootstrap, Moderinzer, linux, Drush, SASS, AWS, CSS framework, Grunt, Gulp, Git, varnish, Memcache, Drupal Console, Lando, Postman, bash script,

**7-Eleven – Irving Nov 2017 – April 2020**

**Sr Drupal Developer**

**Project Description:**

 7-Eleven Inc. is a Japanese-owned American international chain of convenience stores, headquartered in Irving, Texas. I am part of the Digital team responsible for building and maintaining their public facing website 7eleven.com.The site was built on Drupal 8 CMF and Internal APIs.

**Responsibilities:**

* Drupal 8 site building: implement information architecture, install modules and configure.
* Creating new site capabilities and features using custom and contributed modules.
* Participating in project sprint planning, refinement and retrospective.
* Participating in design, UI/UX review for new campaign or promotional page.
* Working with Business to refine the requirements and adjust code accordingly.
* Implementing new designs and content using Drupal theming.
* Collaborating with designer for feedback and input.
* Integrating site with internal and external API.
* Implementing web standard (ADA compliance).
* Integrating site with business analytics tool (Mixpanel, Google analytics).
* Creating and configuring Lamp stack for Drupal 8.
* Configuring Search APi to leverage Acquia Apache Solr Service.
* Created automation script using bash script for bulk operation and testing.
* Providing post launch support, creating hotfix.
* Updating core and contributed modules.
* Developing clear end-user documentation.
* Code re-factoring and finding solutions for new use case.
* Created proof of concept using headless cms and React JS.
* Developed user interface by using the React JS.
* Used Middleware, Redux in application to retrieve data from Back-End.
* Assisted DevOps team for setting Drupal infrastructure internally.
* Used Lando (Docker driven local development tool) as atlernative to Acquia Dev desktop for local development.

**Environment:** Drupal 8, PHP, MySQL 5.6, Apache Solr, HTML/XHTML, CSS, SASS ,

JavaScript, AJAX, Jquery, Bootstrap, Moderinzer, linux, Drush, Acquia Devdesktop,SASS, CSS framework ,Grunt , Gulp ,Git , varnish, Memcache , Drupal Console, Mixpanel, Acquia cloud hosting, Lando, Postman, Reactjs, redux, bash script, Next.js.

**MDVIP–Boca Raton, Florida May 2017 – Nov 2017 Sr. Drupal Developer**

**Project Description:**

 MDVIP, Inc. is an American company, headquartered in Boca Raton, Florida, that operates a network of physicians. The company's physicians practice preventive medicine and personalized primary-care medicine. I worked on Phoenix project. The Phoenix project is a application that allows the end user to find physicians, register for service plans and post comments about each.  The application is presented to the public as a website.  It was built using Drupal 8 CMF and external API such as Salesforce, Google API, Expo, Experian validation.

**Responsibilities:**

* Drupal 8 site building: implement information architecture, install modules and configure.
* Handling builds, deploying the code on multiple environments.
* Creating additional feature and modifying existing feature using custom and contributed modules.
* Working with Business to refine the requirements and adjust code accordingly.
* Creating Deployment plan for each release.
* Providing post launch support, updating core and contributed modules creating hotfix.
* Providing knowledge transfer and provided training.
* Interacting with offshore team, Acquia support team and participating in project sprint.
* Developing clear end-user documentation.
* Customizing the theme for new requirements.
* Participating in code review.
* Researched Drupal 8 distribution Contentaand Reservoir for headless implementation.

**Environment:** Drupal 8, PHP, MySQL 5.6, HTML/XHTML, CSS, JavaScript, AJAX, Jquery, Bootstrap, Moderinzer, linux, Drush ,Vagrant ,LESS CSS framework ,Grunt , Gulp ,Git , varnish, Memcache , Drupal Console,

**UCB –Symrna, GA Dec 2015 –April 2017**

**Sr Drupal Developer**

**Project Description:**

**UCB** (Union chimique belge) is a multinational biopharmaceutical company headquartered in Brussels, Belgium, with revenues of €3.3 billion that focuses primarily on R&D, specifically involving medications centered on Epilepsy, Parkinson's, & Crohn's diseases. The project I worked on are ucb videos, Activity tracker, visitor register web application, Brivrwe , Neupro and UCB medical websites .

**Responsibilities:**

* Configuring lamp stack multi server environment.
* Installing and configuring, GIT, Varnish, Gluster (file replication) and configuring MySQL Replication.
* Developed process for the deployment and standardizing new site creation, Git repository for vendors.
* Handling build, deployment release and Continuous Integration of Drupal code.
* Developed web interface for vendor to install Drupal website on acceptance server, promote and update their web product through Git.
* Working with business development team to convert business logic into functional code.
* Migration of Website from Drupal 7 to Drupal 8.
* Customized search using Apache solr and search API module.
* Documenting server configuration and Drupal best practice for offshore team.
* Developing solutions to implement the requirements using custom and contributed modules.
* Created a proof of concept for three tier architecture using headless Drupal.
* Drupal theme development: create custom themes from design specifications, and modify existing themes.
* Drupal site building: implement information architecture, install modules and configure.
* Developing Multi Lingual websites.
* Auditing for performance and security.
* Improved the google page ranking of web portals.
* Working with client to refine the requirements and adjust code accordingly.
* Developing clear end-user documentation
* Used JavaScript, HTML 5, CSS3 properties for customizing the theme.
* Contributing to UI / UX decisions
* Utilized agile and scrum methodologies to develop Drupal applications.
* Implemented Mobile first theme for the UCB Videos, Visitor Register, and Activity Tracker.
* Ported Drupal 7 theme and module to Drupal 8.
* Configuring multi domain Drupal web application.
* Providing post launch support and configuration for websites build on Drupal 7 platform.

**Environment:** Drupal 7,Drupal 8, PHP, MySQL 5.1/5.3, HTML/XHTML, CSS, JavaScript, AJAX, Jquery, Bootstrap, Moderinzer, linux, Drush ,Vagrant ,LESS CSS framework ,Grunt , Gulp ,Git , varnish, Redis, Apache SOlr

**MNIT – St Paul, MN Dec 2014 – Nov 2015**

**Drupal Developer**

**Project Description:**

MN.IT Services is Minnesota's Information Technology (IT) agency. We provide a full range of services for Minnesota’s executive branch agencies, boards, councils and commissions, and offer a subset of those services for other state government entities and education institutions. My responsibility includes implementation of the Environmental Quality board Web Portal, MN Be Air Aware web portal and Migration of MPCA web portal

**Responsibilities:**

* Working with business development team to convert business logic into functional code.
* Working with client to refine the requirements and adjust code accordingly.
* Participating in client meetings and workshops.
* Developing clear end-user documentation
* Used JavaScript, HTML 5, CSS3 properties for customizing the theme.
* Cross browser testing of the web portal.
* Contributing to UI / UX decisions
Developing clear end- Contributing to UI / UX decisions
* Developing clear end-user documentation
* Developing solutions to implement the requirements using custom and contributed modules.
* Drupal theme development: create custom themes from design specifications, and modify existing themes.
* Drupal site building: implement information architecture, install modules and configure.
* Utilized agile and scrum methodologies to develop Drupal applications.
* Maintained current knowledge on emerging technologies and their potential applications.
* Implemented Mobile first theme for the Be Air Aware MN portal.

**Environment:** Drupal7, PHP, MySQL 5.1/5.3, HTML/XHTML, CSS, JavaScript, AJAX, Jquery, Bootstrap, Moderinzer, linux, Drush ,Vagrant ,SASS CSS framework ,Grunt , Gulp ,git

**Princess Cruise – Valencia, CA Aug 2014 – Dec 2014**

**Sr Drupal Developer**

**Project Description:**

Princess Cruise offers cruise line all over the world and use Drupal for intranet service on their ships. I was responsible for implementing proof of concept for Ship to Shore messaging using Rabbit MQ and Drupal. The idea was to synchronize the Drupal content on ship with shore. Rabbit MQ based messaging system was used to implement reliable messaging of data since the internet connection in ship is not persistent. I was also responsible for implementing desired functionality using custom and contributed module.

**Responsibilities:**

* Developing solutions to implement the requirements using custom and contributed modules
* Interacted with stakeholders and made documentation how contributed as well as custom module was implemented (for internal use).
* Developing clear end-user documentation
* Used JavaScript, HTML 5, CSS3 properties for customizing the theme.
* Cross browser testing of the web portal.
* Developed proof of concept for implementing Rabbitmq based messaging from ship to shore
* Developed developing RESTful web services

**Environment:** Drupal7, PHP, MySQL 5.1/5.3, HTML/XHTML, CSS, JavaScript, AJAX, JQuery, Bootstrap, Modernizer, Linux, Drush, Vagrant, Node.js, Jira

**YODLEE – Redwood City, CA Nov 2013 – July 2014**

**Drupal Consultant**

**Project Description:**

Yodlee offers most scalable and robust personal finance data platform for powering innovation in financial services. I was Drupal consultant responsible for implementing business logic for their new financial application platform termed as Active Commerce Exchange (ACE). Developers simply build a self-contained FinApp to offer targeted features to consumers. It communicates with the Yodlee Platform through REST APIs. The process flow involves developer can register to Yodlee and apply for FinApp developer. Business development team reviews their profile, will approve or reject application for FinApp Developer, On approval Developer can register there app by making RESTAPI Calls and upload there FinApp and get certification for their finapp.

**Responsibilities:**

* Developed custom modules for the business development process flow.
* Integrated the web portal with Salesforce portal, when a new register with Yodlee, the registration data will appear on salesforce portal of business development team.
* Developed Restful Service for Yodlee Platform.
* Developing Restful API documentation.
* Developed Custom module to consume Restful API services.
* Integrated Yodlee Portal with Salesforce API.
* Maintaining the web portal and making changes or adding features
* Installing and maintaining lamp for testing environment, Syncing Existing Drupal with testing sandbox installation (using Drush).
* Coordinating with testing team and fixing the bug.
* Interacted with stakeholders and made documentation how contributed as well as custom module was implemented (for internal use).
* Used JavaScript, regular expressions, AJAX, and JQuery for strict input validations, developed responsive interfaces that improve the user experience for providing dynamic functionality to display customized data as per the user selected options.
* Made changes to the existing application as required by the users and also handled exceptions which are existing in the application.
* Used JavaScript, HTML 5, CSS3 properties for customizing the theme.
* Used Drupal contributed model to achieve the desired functionality.
* Cross browser testing of the web portal.

**Environment:** Drupal7, PHP, MySQL 5.1/5.3, HTML/XHTML, CSS, JavaScript, AJAX, Jquery, Bootstrap, Moderinzer, linux, Drush ,Git , Jira , Less CSS framework

**Vtekh: People Home Equity Inc – Schaumburg, IL Aug 2012 – Nov 2013 PHP Web Application Developer**

**Project # 1**

**Project Description:**

People Home Equity Inc is money lending Mortgage Company and I was part of the team which made their web portal. The web portal included features like messaging widget for employees, calendar application, notification widget, personal Information widget, web-based calculator for mortgage calculation, and Google Map application.

**Responsibilities:**

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| --- |
| * Used JavaScript framework for developing front-end using HTML 5 features CSS3 properties.
* Developed and implemented the messaging widget, profile module for the application.
* Gathered requirements and wrote specifications for the project.
* Coordinated with the designer and implemented front end interface and integrated with back end for the different modules.
* Interacted with graphic designer to make the user-friendly interface for the web application. Translating design to code without loss of visual appeal.
* Worked on converting static pages into dynamic using CodeIgniter MVC Frame work.
* Implemented exception handling for error checking.
* Involved in designing the process flow diagram for the dynamic application.
* Involved in design of efficient database for various modules by following normalization concepts, written complex SQL statements and stored procedures by using indexes in stored procedures.
* Used JavaScript, regular expressions, AJAX, and JQuery for strict input validations, developed responsive interfaces that improve the user experience for providing dynamic functionality to display customized data as per the user selected options.
* Involved in Testing in different Environments like Unit testing, Functional testing, Integration testing before moving code to production environment.
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**Environment:** NO-CMS, CodeIgniter, PHP, MySQL 5.1/5.3, HTML/XHTML, CSS, JavaScript, AJAX, Jquery, Bootstrap, Git

**Project # 2**

**Project Description:**

People Home Equity Inc is money lending Mortgage Company and I was part of the team which made their web portal. The project was to develop a mobile website which included dynamic features such as Displaying Loan Officers Information, Employee Directory, Locations using Google map API, and Search Form.

**Responsibilities:**

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| --- |
| * Responsible for proposing the layout, coordinated with designer to make the design user friendly.
* Worked on implementing the site features for the mobile version of website.
* Involved in Analysis and design of workflow. Designed the layout of web forms.
* Adding new Features and implementing using MVC Frame work.
* Involved in testing the mobile version.
* Worked on integrating iframe application in the mobile version and ensuring the navigation for iframe application.
* Coordinated on getting design approvals for the mobile site and proactively worked on implementing changes to promote the services of the company.
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**Environment:**  NO-CMS, CodeIgniter, PHP, MySQL 5.1/5.3, HTML/XHTML, CSS, JavaScript, AJAX, Jquery Mobile, Git.

**Computer Science Department, GA State University. Atlanta, G Apr 2008 to June2012**

**Project # 1**

**Graduate Information portal**

**Web Developer**

**Project Description:**

Graduate Information Portal is made using the Drupal framework. The portal displays information and downloadable forms for students in the computer science graduate program at Georgia State University.

**Responsibilities:**

* Gathered client’s requirements coordinated with different departments.
* Created easy-to-use interfaces for both front-end users (readers) and back-end users (editors).
* Worked on Database Design, User Interface Design, Middle Layer Design and Implementation
* Installation, configuration and theming
* Proactively worked on site maintenance and upgrades.
* Worked on customization of Drupal core and contributed modules.
* Integrated the site with Google Chart API, Google Maps API, Google Fusion table API for effective data visualization.

**Environment**: HTML, PHP, MySQL, CSS, JavaScript, HTML, Google Charts API.

**Project # 2**

**Project Description:**

Georgia State University is is a public research university in Atlanta, Georgia. The **STEM** **Portal** has two user interfaces: the student area, and the Administrator area. On a successful login, students will receive the list of courses they are enrolled in. Courses will have a list of the topic’s students can decide they want to learn, and at the end of the quiz, the page will display the user's answers, correct answers, and the quiz score.

The Administrator portal has three categories of access: super administrator, administrator, and guest. The instructor can view the students’ answers in the form of a table or the overall class trend through dynamic charts. The instructor can also add or delete students and questions. The super administrator will have access to every area of the portal database and to the e-r diagram schema of the database. Visitors will only have access to the general trend of student answers in the form of “view only” charts and tables.

**Responsibilities:**

* Designed the optimal user interface for the achieving the desired user experience.
* Provided proper input validations to eliminate any user generated errors using JavaScript, PHP and HTML.
* Created separate webpage for Administrator to manage website dynamically rather than working with coding and database.
* Created and maintained the MySQL database.
* Used JavaScript, CSS, and AJAX for making the website dynamic and enhanced user experience.
* Integrated the site with Google Chart API for effective data visualization and dynamic update of the data for the backend user.

**Environment**: PHP, MySQL, CSS, JavaScript, HTML, Google Charts API.

**Media Tek, India May 2003 – Sep 2007**

**Web Developer**

**Educational Qualifications:**

* M.S. in Computer Science (Georgia State University, GA)
* B. Tech in Mechanical Engineering (KDKCE, Nagpur, India)