

EDUCATION

Master of Science, Computer Science

University at Buffalo, Buffalo, NY

Jan 2022 - May 2023

3.815/4 GPA

Bachelor of Technology, Information Technology

CVR College of Engineering, India

Aug 2015 - May 2019

9.5/10 GPA

TECHNICAL SKILLS

- Java | Python | C | JavaScript | HTML | CSS | jQuery | Ajax | React.js | Angular | SQL | NoSQL | Oracle DB | PostgreSQL | MongoDB | Redis
- Spring Boot | Flask | Oracle ADF | AWS | Docker | Apache Kafka | Git | Power BI | Bamboo | Linux | Kubernetes | Jenkins | Selenium
- Unit Testing | REST | SOAP | Splunk | Agile | Solr | Colab | Design Patterns | Algorithms | Data Structures | System Design | Microservices

PROFESSIONAL EXPERIENCE

Oracle, Hyderabad, India: Application Developer2

Dec 2020 – Dec 2021

- Developed Shipping module of Oracle Supply Chain as fusion web application using Oracle ADF, Java, PL/SQL, Spring Boot.
- Designed and developed item substitution module using Spring Boot and integrated with webpages built using Oracle ADF.
- Developed PL/SQL packages and exposed them as Restful and SOAP services.
- Developed and integrated APIs with 3PL system for the order fulfillment process, which significantly enhances the shipping flow.
- Improved performance of module by 10% by analyzing and tuning SQL queries in stored procedures. Created and configured Jenkins Jobs.
- Demonstrated exceptional problem-solving skills by diligently addressing high-priority customer bugs and provided efficient workarounds for customers to overcome their blockers.

CDK Global, Hyderabad, India: Software Developer

Jul 2019 – Dec 2020

- Developed and maintained web-applications (Java, Spring Boot, PostgreSQL, REST API, Amazon Web Services, HTML, CSS, JavaScript, React.js) in Agile methodologies.
- Developed the eforms data manager application backend REST APIs and successfully integrated with eforms within three months, resulting in receiving the prestigious *A Star Award* for my outstanding work.
- Designed robust database schema for eforms data manager application that met all project requirements and applied the changes through Liquibase changesets.
- Improved the efficiency of the *Add to Provision* feature of eforms by 80% through optimization techniques, which included reducing network calls and tuning SQL queries in a more efficient way.
- Developed profile management component in eforms data manager using React.js.
- Optimized UI workflow by efficiently managing props between components and API calls which helped in cost reduction.
- Created Application Roles and Implemented security for Rest APIs by authenticating user using IAM and spring security.
- Configured CI/CD pipelines for dev environments using bamboo which includes containerized deployments on AWS Kubernetes service.
- Utilized J2EE technologies and frameworks including ORM with Hibernate and JPA, along with spring data.
- Integrated Apache Kafka for efficient and reliable event-driven communication between common core services.
- Designed and developed microservices architecture using Spring Cloud, leveraging Eureka for service registration and discovery.
- Increased the unit test code coverage of three repositories by 30% from 45% to 75% using Junit, Mockito, Jest and implemented automated test cases using selenium.

MAQ Software, Hyderabad, India: Software Intern

Sep 2018 – Feb 2019

- Worked in data refresh team to solve critical issues in refresh cycle to meet client SLA, Automated to check consistency of data in publishing servers.
- Created Power BI reports, implemented jobs in SQL Server to handle data refresh and done the root cause analysis for issues by debugging stored procedures.

PROJECTS

Paramacare

- Designed and implemented a personalized health and wellness platform utilizing Java, Spring Boot, jQuery, EC2, S3, and PostgreSQL.
- Designed database schema, integrated application with zoom services using oauth and chat feature using web sockets.

OneDataShare

- Developed refresh token flow for oauth services (gdrive, box, dropbox) using Java, Spring Boot, hashicorp vault.
- Developed a backend service which allows users to dynamically resize the file chunks in the transfer queue.

Chat Bot

- Developed chat bot to handle multiple topic queries using multi-class classification, Python, SBERT, SOLR and deployed it on GCP.

Pintos, OS:

- Designed and implemented alarm clock, priority scheduling, system calls and virtual memory in pintos OS using C.

CERTIFICATIONS

- AWS Certified Solutions Architect Associate (SAA-C03) by Udemy
- Professional Scrum Master ([PSM1](#))

Mentorship

- Graduate Teaching Assistant for Operating Systems CSE 421/521 course mentoring students in implementing their projects.
- Conducted office hours and led weekly team meetings to guide students in troubleshooting their issues, clarifying their doubts, evaluating them based on their contribution.

OTHERS

- Secured All India Rank 572 in TCS CodeVita 2018.
- Received Gold badge in problem solving from HackerRank.