**Vivek (Vic)**

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# OVERVIEW-

*Experienced* ***Full-Stack .NET Developer*** *with over 10 years of extensive experience in designing, developing, implementing, and supporting mobile, web, and distributed applications using Microsoft technologies including C#.NET Core, ASP.NET Core, and SQL Server. Adept at ensuring proper security, compliance, and adherence to industry best practices, with a strong focus on delivering high-quality solutions. Implemented various High transactional and distributed web applications using* ***.****NET Framework 3.0/3.5/4.0/4.5/4.6. Strong hands on programming, design, understanding and deep functional experience in creating, deploying and consuming of XML Web Services, WCF services, REST Services and Web API.*

# SUMMARY-

* A result oriented Full-Stack Developer with diversified knowledge in various Domains inducing Banking, Healthcare domain with extensive experience in ecommerce.
* Comprehensive knowledge of Software Development Life Cycle (SDLC) and thorough understanding of various phases like Requirement gathering, Design, Development, Testing and Implementation of software applications.
* Excellent understanding of Software Development methodologies like Waterfall, Spiral, Iterative Models (RUP - Rational Unified Process) and Agile Programming Methodology (SCRUM)
* Experience in implementing MVC (5.0/4.0/3.0), MVVM frameworks by extensively utilizing Bridge, Singleton & Factory design patterns.
* Proficient in Implementing WCF Services and consuming using different Protocols and implementing features like Security, Debugging and Performance.
* Experience on Web API to create HTTP RESTful services to communicate with UI objects using JSON.
* Proficient in Deploying and Publishing Web Sites and Web Services on Windows Server running IIS 6/ 7 /7.5.
* Experience in Design & Development of Enterprise Applications, Web Applications, and Web Services in Java 11 and related technologies.
* Strong experience in working on modern full stack JavaScript environment like MEAN (Mongo, Express, Angular, Node). Experience in front-end frameworks such as Bootstrap and React tied to NoSQL databases, Cassandra and MongoDB with Node.js.
* Experience in applying JMS (Java Messaging Service) for reliable information exchange across Java applications using Apache Kafka, RabbitMQ, ActiveMQ and IBM MQ to communicate from Client to Server. Strong knowledge on working with GraphQL schema, queries and mutations to interact with MongoDB and several other data layers.
* Building/Maintaining Docker container clusters managed by Kubernetes, Linux, Bash, GIT, Docker, on AWS. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Familiar with AML/Fraud documentation enabling compliance amongst all aspects of commercial loss mitigation workouts performed.
* Created TypeScript reusable components and services to consume REST APIs using Component based architecture provided by Angular 2.
* Hands on Experience on Angular 2 technology for one complete project in rebasing the UI of the application using the techniques in Angular2.
* Expertise in Object Oriented Programming (OOPS) concepts in C# Abstraction, Encapsulation, Inheritance and Polymorphism. C# Used Attributes, Delegates, Generics, Collections, Multithreading and Exception Handling.
* Involvement in composing put away techniques, indexes, Functions, packages, views, stored procedures Database Triggers utilizing T-SQL and PL/SQL.
* Migrated build from Jenkins to Azure.
* Design and develop Solutions using C#, ASP.NET Core, Web API,Microsoft Azure techniques.
* Experienced in working Microsoft Azure Services and Service Fabric(SDK) which are the latest Cloud Services.
* Experience in creating interactive design deliverables such as Wireframes, Site maps, Process maps, Mockups, UI Specification, working prototypes, UX Design techniques and other artifacts to describe the intended user experience.

# PROFESSIONAL EXPERIENCES- Discover Full-Stack .Net Developer Jan 2021 - Present

**Project Description: Lead in developing the application for Discover based on a complete banking solution, focused on responsive design templates, free payment gateway and marketplace integration, automated shipping solutions, store management App etc. Designed and Implemented MVC architecture using Java and Struts Framework which involved writing Action Classes/Custom Libraries JSP pages. Used Angular 6.0 and Typescript to develop single page applications (SPA). Prepared Client-side web development utilizing HTML5, CSS3, Bootstrap, and Angular JS (6.0) Typescript.**

* Developed the automated unit test cases for Micro services using Junit and deployed them in the Jenkins pipeline.
* Used JavaScript libraries to create slider and page-turning animations on calendar widgets and used Hibernate to access My SQL database and implemented connection pooling.
* Involved in UI development using HTML, CSS, XML AJAX, JSON, Bootstrap & JavaScript, Angular.js as well as in preparation of Low-level Design document including program specification.
* Used RESTful Web Services for integrating with multiple Payment gateways credit card, debit card, internet banking, wallet etc. and Source code management is performed using GIT from master repository and knowledge on container management using Docker in creating images.
* Involved in designing and coding of payment services as well as written sequence diagrams of payment services, also developed mobile payments platform using Agile methodology, OOA/OOD, Design Pattern, Test Driven programming, Java/JEE, Spring Framework, Spring Integration, PostgreSQL. Deploy and run on AWS Cloud.
* Designed and Developed in creating web user controls, Master pages, validation controls, CSS files using technologies like AJAX Toolkit, Query, JAVA Script, XML, HTML and DHTML.
* Experience in Language-Integrated Query (**LINQ**) and Entity Data framework and NHibernate.
* Experienced with Microsoft Application building blocks for .Net projects (Data Access, Exception Handling, Caching and Configuration Management Application Blocks).
* Handled bug fixing and testing code changes for new modules to ensure quality standards before releasing to the production environment and supported the Operations Team on a regular basis.
* Developed new user interface components for different modules using Kendo UI.
* Modified Web Services to interact with the other applications and exposed them using SOAP and HTTP.
* Developed windows services to store SQL Server data into Cloud base data warehousing by using Microsoft Azure.
* Used GIT for source control with the help of Source tree and bitbucket .
* Assisted and provided information to support Suspicious Activity Reports, or equivalent for regulatory filing.
* Conducted reviews of client documentation and information obtained by clients within the business units.
* Identified multiple significant cases, red flags and patterns associated with the laundering of illicit funds.
* Debit or credit customer's accounts as appropriate and processed chargebacks regarding pending claims.
* Led the design, development, and implementation of web and mobile applications using C#.NET Core and ASP.NET Core.
* Architected and implemented microservices-based solutions, enhancing system scalability and maintainability.
* Developed and maintained complex SQL Server databases, ensuring data integrity and optimal performance.
* Collaborated with cross-functional teams to gather requirements, define technical specifications, and deliver robust solutions.
* Ensured adherence to security standards and compliance requirements, conducting regular code reviews and security audits.
* Implemented CI/CD pipelines using Azure DevOps, significantly reducing deployment times and improving release cycles.
* Mentored junior developers, providing guidance on best practices and advanced coding techniques.

## Capital One Full-Stack Developer March 2020 - Jan 2021

**Project Description: Actimize Anti-Money Laundering (AML) is a solution which provides firms with detection capabilities for AML red flags for securities, including manipulative trading, trading in low-priced securities, and more. The project was to implement the application to the AML based system to acquire new features, improve system efficiency, alert quality, GUI while ensuring that the new system would reflect the current addendum and changes to the BSA/AML**.

* Wrote Micro services to export/import data and task scheduling and Spring boot, Spring and Hibernate in the microservices and Swagger API for Micro services.
* Implemented microservices based architecture using Spring Boot interacting through REST API. Responsible for writing J2EE compliant code using Java for an application development effort.
* Worked on implementing current Rest web services to one of cloud computing services AWS. Used AWS framework for creating background and multistep workflows.
* Responsible for creating RESTFUL Web Services to serve data to the front-end application in JSON format. Created new Restful web services using Developed Restful API's using APIGEE platform.
* Created Front-end Single Page Applications using semantics in HTML5, CSS3, JavaScript, Bootstrap, ReactJS, NodeJS and MongoDB. Created GraphQL schema and queries to interact with Mongo DB database.
* Installed KAFKA on Hadoop cluster and configure producer and consumer coding part in java. Loaded data from various data sources into HDFS using Kafka.
* Developed UIand pagination using Angular2 and Node.js.
* Enhanced legacy application by building new components in Angular2and typescript.
* Developed single page applications using Angular 2, Typescript, web pack and grunt.
* Worked Extensively with Angular CLI for creating components,Services, pipes, Directives.
* Used AJAX for partial rendering of the Web Forms to improve performance by not having the whole page post back.Developed custom control for login and used web service method for user authentication.
* Developed the user interface for back office support and worked collaboratively in Agile Scrum team on the design and development of application based on Angular2 framework using HTML5 and CSS3.
* Worked with Angular.js for creating Single Page Applications.
* Design and develop the process using Capture flow designer.
* Designed and developed a brand-newCaptiva Capture Imaging and Content Management application to satisfy all the business requirements.
* Used Entity Framework, Data Sets, and Data Readers for retrieving, querying, and storage.
* Developed web applications using ASP.NET MVC and Web API, integrating front-end frameworks such as AngularJS.
* Created and optimized stored procedures, views, and functions in SQL Server to support application functionality.
* Built and deployed mobile applications using Xamarin, enabling cross-platform compatibility.
* Ensured code quality through automated testing and peer code reviews, adhering to industry best practices.
* Engaged in troubleshooting and debugging, providing timely resolutions to critical production issues.

## Waste management Full-Stack Developer June 2017 – Feb 2020

**Project Description: Project Tracker is a project management tool that helps project managers and their team to track and manage their projects with ease and cost effectiveness. It provides the functionality to add/edit/delete tasks, allocate resources to tasks and assign tasks to the owner.**

* Enhanced and Migrated Java AWS Lambda function to Python
* Created unit test/regression test framework for working/new code.
* Managing Amazon Web Services (AWS) infrastructure with automation and configuration management tool such as Chef, Puppet. Hands on experience with build tools like ANT, Maven.
* Architected the frontend solution using React, Relay and GraphQL. Lead the UX and design outsourced teams helping with product ideation to creation.
* Worked in Continuous Integration/Continuous Deployment has become one of the most common use cases of Docker, CI/CD merges development with testing which allows developers to build code from master branch of GIT repository.
* Designed and Developed UI for Customer Service Modules and Reports using React.js,, HTML, CSS, Bootstrap, JavaScript, and jQuery. Involved in writing java API for Amazon Lambda to manage some of the AWS services.
* Installed and configured Cassandra Cluster nodes on different AWS EC2 instances.
* Responsible for software maintenance across the codebase and Refactor code for Code Quality.
* Developed, tested, and debugged also enhanced existing automated solutions.
* Built and deployed applications using AWS stack including EC2 and Cassandra
* Deployed AWS Lambda code from Amazon S3 buckets and created a Lambda Deployment function and configured it to receive events from S3 bucket. Worked and executed unit test cases by using JUNIT for accuracy of code.
* Configured SQS for message delivery from this EC2 system to trigger AWS Lambda function to push JSON data into Amazon Redshift with required data formatting and filtering.
* Worked on building the base infrastructure of our application instances on cloud using cloud formation templates by configuring AWS services.
* Designed data models to be used in data intensive AWS Lambda applications aimed to do complex analysis creating analytical reports for end-to-end traceability.
* Used JavaScript for event handling and client side validation.
* Fetched data from database and displayed in web controls (Tree View, Menu) through XML.
* Implemented jQuery to perform client-side validations and also performed server-side validations using ASP.Net validation controls like Required Field Validator, Compare Validator, etc
* The application uses  MVVM design pattern for separation of logic and  
  presentation and binding data to the view.
* Developed and maintained web applications using ASP.NET and ADO.NET, working closely with stakeholders to meet business objectives.
* Designed and implemented user interfaces with HTML, CSS, and JavaScript, enhancing user experience and accessibility.
* Assisted in database design and optimization, performing regular maintenance and updates on SQL Server databases.
* Participated in Agile development processes, contributing to sprint planning, daily stand-ups, and retrospective meetings.
* Provided technical support and training to end-users, ensuring smooth deployment and adoption of new systems.

## eClinicalWorks Software Developer May 2014 – Dec 2016

**Project Description: This Project required assisting in the implementation and adoption of Behavioral Health solutions with new and existing clients. Assist in the implementation of other Population Health Management solutions that a customer may opt for. Assisting customers with implementing community based mental health concepts including group therapies.**

* Involved in complete Agile/SDLC, Requirement Analysis, Development, System and Integration Testing and Sprint methodologies to do requirements gathering, analysis and planning.
* Involved in analysis, design and development and testing phases of the application development using Scrum Agile methodology.
* Developed Server-side automation using NodeJS scripting and connecting different types of SQL and NoSQL stores from NodeJS.
* Designed GraphQL to build client applications by providing an intuitive and flexible syntax and system for describing their data requirements and interactions.
* Developed multiple POCs to create a interface between Backend to Frontend by using MongoDB, ExpressJS, AngularJS and Node.js
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application. Configured Kubernetes in the application for automating deployment, scaling, and management of applications.
* Integrated Express framework to handle the views, requests, routing and organize the web application into an MVC architecture on Node server.
* Created reusable HTML5 templates and style sheets based on standards and guidelines of the UI. Developed responsive Web Design using CSS3, Bootstrap3 and Media Queries.
* Developed patient appointment forms for internal users and implemented input validation with AngularJS 1.5x and JavaScript Regular Expressions.
* Integrated Angular Fusion Charts for displaying statistical information and used Angular Forms for client-side validations. Stored data on MongoDB and made REST API calls using Angular $http service.
* Utilized create-react-app to launch product to stay update with the most current webpack and babel build configurations.

**Education**

M.S. in Information Technology Management, Campbellsville University, Louisville, KY, Dec 2021

Masters in Business, California Baptist University, Riverside, CA Aug 2018

B Tech. in Computer Science, Gujarat University, Ahmedabad, India, June 2014