

VEERAMALLA ROHITH GUPTHA
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Sr Full Stack Developer

SUMMARY

- Having around 6 years of experience as Full-Stack Developer in Software Engineering with industries like **Banking, Global Financial Services, Auto, Life, Home Insurance** using **Java, Reactjs, Vue Js, Angular, AWS**.
- Developed and integrated **Java-based RESTful** services using **Spring Boot**, managing **JSON** data formats to streamline client-server communication.
- Experience with **Apache** and **IIS Web Servers**.
- Developed **Single Page Application (SPA)** Framework and injected generic services.
- Well-versed in Object Oriented Programming (OOP) with **JavaScript**.
- Good experience in development with new front-end frameworks like **React 18, Redux, Angular 16, NGRX, RXJS**.
- Managed and maintained **iServer** environments to ensure availability and high performance.
- Exposure to **GraphQL** for querying the existing data api.
- Developed reusable components with **Angular custom directives**.
- Managed and optimized **JFrog Artifactory** archives for artifact storage and retrieval.
- Diagnosed and resolved a wide range of technical issues, bugs, and defects within **HCL Web Content Management systems**, ensuring minimal downtime and optimal system performance.
- **Utilized ECMAScript 6 features to build JSX and ES2015 (ES6) using Babel & Web pack.**
- Implement the AWS services functionality with **NodeJS**.
- Extensive experience on implementing **AJAX** features using **JavaScript, OOPS and jQuery**.
- Designed and developed **CI/CD pipelines** built and coordinated an automated build & release CI/CD process using **Jenkins** on IT infrastructure.
- Expert in creating and bundling complex applications using **Webpack** or packaging it using **gulp/grunt**.
- Developed UI components supporting fraud detection dashboards, working closely with backend **ML models** for real-time alerts and insights.
- Implemented full featured front-end application using **Angular 10, TypeScript and jQuery**.
- Managed test cases, plans, and execution using **qTest** to ensure comprehensive test coverage.
- Experience with AWS Services **EC2, S3, ELB, Auto scaling Groups, Glacier, EBS, Elastic Beanstalk, CloudFormation/Terraform, CloudFront, RDS, Redshift, VPC, Direct Connect, Route 53, Cloud Watch, Code build & CI/CD, OpsWorks, IAM, Aurora RDS, DynamoDB, SNS, SQS, Elastic Cache, EMR, Lambda**.
- Good Understanding of **Document Object models (DOM) and DOM Functions**.
- Implemented and managed CI/CD pipelines in **AWS DevOps** for seamless code integration and deployment.
- Extensive hands-on experience deploying scalable web applications using **Google Cloud Platform services**, including **App Engine, Cloud Run, and Firebase**.
- Deployed containerized microservices to **Cloud Run**, enabling serverless autoscaling, reduced latency, and improved reliability.
- Integrated **SonarQube** with CI/CD pipelines to ensure continuous code quality and security.
- Used **Bower, NPM, Grunt and Gulp** for managing the dependencies in the web application.
- Used Babel transpiler to convert **ES6 to ES5** for browser understanding.
- Leveraged **Docker** for containerizing applications, improving deployment efficiency, scalability, and consistent environment configurations.
- Utilized ECMAScript 6 features to build **JSX and ES2015 (ES6) using Babel & Web pack.**
- Experience working with **HTML Controls, User Controls, Master Pages, and Themes**.

- Experience in using the debugging tool **Firebug** and **Chrome Developer Tools**.

Technical Skills:

Frontend Frameworks	Angular, ReactJS, Vue.js.
Database	SQL, Oracle 8i, Amazon RDS, MongoDB and Cassandra DB
Business Intelligence Tools	Microsoft Office and Excel.
Programming Languages	Java, Python, TypeScript.
IDEs	WebStorm, Eclipse, SpringToolSuite4, NetBeans, IntelliJ, Visual Studio Code.
Scripting/Markup Languages	JavaScript, CSS3, HTML5, XML
Testing/Logging tools	Junit, Mockito, Postman, Log4j, Jasmine and Karma, Jest, Enzyme.
Bug tracking tool	HCL WCM, JIRA, Trello, and Asana
AWS, GCP	EC2, S3, ELB, Auto scaling Groups, Glacier, EBS, Elastic Beanstalk, CloudFormation/Terraform, CloudFront, RDS, Redshift, VPC, Direct Connect, Route 53, Cloud Watch, Code build & CI/CD, OpsWorks, IAM, Aurora RDS, DynamoDB, SNS, SQS, Elastic Cache, EMR, Lambda.

Professional Experience:

State Farm Bloomington, Bloomington, IL
Sr Full stack Developer

May 2023 – Present

- Developed a fully functional task management tool using **React** for the frontend and **GraphQL** for backend communication, featuring task prioritization, tagging, and collaboration.
- Implemented complex data grids using **Ag-Grid** with features like **sorting**, **filtering**, and custom cell rendering, enhancing data presentation and user interaction.
- Adopted a TDD approach using **React** to ensure robust and error-free code.
- Developed dynamic and **responsive UI** components with React, enhancing the user experience across various devices and platforms.
- Wrote comprehensive unit and integration tests using React Testing Library covering all new features and critical pathways.
- Conducted static application security testing (SAST) using **CheckMarx** to identify and remediate security vulnerabilities in code.
- Managed defect tracking and resolution processes, working closely with development teams to ensure timely fixes and improvements in **HCL WCM systems**.
- Integrated Ag-Grid with **GraphQL** to efficiently fetch, display, and manage large datasets, significantly reducing load times and improving performance.
- Adopted **Agile methodologies**, contributing to the continuous improvement of development processes and project delivery.
- Demonstrated foundational understanding of **AI/ML concepts**, actively exploring integration opportunities within UI dashboards.
- Automated build and deployment processes by integrating **Artifactory** with CI/CD pipelines.

- Collaborated with backend developers to design and consume **GraphQL APIs**, ensuring seamless data integration and state management.
- Utilized Apollo Client for managing local and **remote data with GraphQL**, optimizing application performance and user interface responsiveness.
- Integrated **Ag-Grid with GraphQL** to efficiently fetch, display, and manage large datasets, significantly reducing load times and improving performance.
- Expert in leveraging Redux for state management in complex **React applications**, ensuring predictable state updates and facilitating the development of highly interactive user interfaces.
- Designed and **implemented Redux store architectures, actions, and reducers** to manage application state across multiple components, enhancing code maintainability and app scalability.
- Integrated Redux with React using the **React-Redux library**, optimizing data flow and component re-rendering for improved application performance and user experience.
- Employed **React 18** for debugging and state monitoring, significantly reducing troubleshooting time and improving development efficiency.
- Styled web applications using **SASS**, creating modular and maintainable CSS with variables, mixins, and nested rules.
- Automated **artifact storage** and retrieval through CI/CD pipelines, ensuring consistent and reliable software deployments.
- Customized **iServer** dashboards and reports for enhanced data visualization and decision-making.
- Collaborated closely with backend teams to design and implement efficient data fetching strategies, integrating **GraphQL with Redux** to manage server-side and client-side state seamlessly.
- Configured and managed CI/CD pipelines for automated deployment of applications to **Google App Engine**, significantly enhancing release velocity and reducing manual errors.
- Implemented **Firebase Authentication** and **Realtime Database** to create robust, secure, and real-time responsive web applications.
- Set up comprehensive monitoring and logging using **Google Cloud Operations Suite** (formerly Stackdriver) to proactively address performance bottlenecks and system issues.
- Built single-page application using the **Vue.js**.
- Conducted code reviews and shared best practices on Redux state management with the development team, contributing to continuous improvement of code quality and team knowledge.

Environment: HTML5, CSS, Typescript, React, Redux, Vue.js.

Mastercard Worldwide: Hyd Full-Stack Developer

Aug 2019 – Aug 2022

Project description: Implemented application for understanding the metrics data from a customer representative and creating courses for the customer service representative. Also, I worked on an application which displays customer information based on various plans and where they are located.

- Participated in **Agile Development Team** and having daily **SCRUM** meeting for progress reporting as well as task distributing.
- Responsible for designing the User Interface by coding in **HTML5, CSS3, AngularJS, Bootstrap** to build the application.
- Successfully built a **Single Page Application** from scratch utilizing angular 2/4 along with various 3rd party tools such as **Prime NG** and **Bootstrap**.
- Worked with **HTML, CSS background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, Pseudo elements** and CSS behaviors. Customized CSS files by adding new CSS3 features like media queries to ensure fluid/ responsive design for our web pages.
- Proficient in developing **Single Page Applications (SPA)** using JavaScript MVC framework such as **React JS**.
- Introduced an innovative **iframe-based** approach for integrating complex **AEM templates** into **React** applications, significantly improving loading efficiency and reducing JavaScript rendering issues.

- **Implemented application using Visual Studio Code, Angular 4.0, Typescript, NGRX, Bootstrap, JSON, HTML5, CSS3, Angular CLI and Web API.**
- Worked with **Google polymer** and created new Polymer elements to demonstrate how to build web applications with Polymer and Web Components. Implemented features and bug fixes for Polymer's elements.
- For source control operations Schwab uses Microsoft Team Foundation Server (TFS) and git, including bit bucket, maven, and bamboo for continuous integration and continuous development.
- Designed, built and coordinate an automated build & release [CI/CD] process using Git Lab, Jenkins, Nexus, and Chef on hybrid IT infrastructure
- Extensive experience in developing PHP based Web Services to expose useful functionality to web users through SOAP / REST describing them using WSDL.
- Extensively involved in coding with **AngularJS, jQuery UI and jQuery Mobile to add functionalities and effects like Accordion, Infinite Scroll bar, Slider bar, Draggable/Droppable, Resizable, Progress bar.**
- Used jQuery to traverse through a DOM tree and manipulated the reacts in the tree. Implemented the Drag and Drop functionality using jQuery framework.
- Implemented stable React components and stand-alone functions to be added to any future pages
- Responsible for **React UI and architecture.** Building components library, including Tree, Slide-View, and Table.
- Used **React JS** for templating for faster compilation and developing reusable components.
- For Large code testing and generate reports by using Jenkins.
- After extracting and sort of data, kept in structured format by Redis.
- Developed front-end code with Ajax call in AngularJS and jQuery to retrieve data as JSON Object from controllers in back-end RESTful Server, then display the well-organized result in web pages by writing AngularJS controller, directives, services, and route providers. Also used Angular.js filter to make the data searchable and sortable.
- Consume **RESTful** resources using **AJAX call**, receiving, analyzing and processing JSON responses to get the required proper-formatted data.
- Creating custom, general use modules and components which extend the elements and modules of core AngularJS.
- Working experience with version control system **GIT** and bug tracking tools **JIRA** in an Agile Scrum environment.
- Created a build environment for **Java** using Git and Maven.
- Testing the functionalities in terms of requests and responses for the front-end Json files.
- Build REST web service by building Node.js Server in the back-end to handle requests sent from the front-end jQuery Ajax calls.
- Implemented the Ajax call to get data from back-end service.

Environment: Angular 8, React, Redux, HTML5, CSS, JSON, Typescript, JavaScript, NodeJS, GIT, GCP, Terraform, Eslint, REST, and Java Script

Yes Bank

UI Developer

Aug 2018 – July 2019

- Used **Angular custom pipes** for manipulating the **Rest API JSON** data.
- Created **Complex TypeScript components** using **JavaScript Frameworks** like **Angular** and **Vue.JS**
- Implemented **custom components** using the **PrimeNG library** for reusing CSS components throughout the application.
- Modify and maintain existing systems for adaptation to business, and/or technology changes.
- Implemented **nested CSS styles** to integrate with HTML pages.

- Mentor **Software Engineers** to allow for skill/knowledge development through advice, coaching, and training opportunities.
- Utilized **Databricks** to analyze large datasets, performing complex transformations and aggregations to derive actionable insights.
- Manipulated **DOM**, handled events, and applied animation effects with **Vue.js**.
- Determine the root cause for the most complex software issues and develop practical efficient permanent technical solutions.
- Help define and develop the test and production environment, coordinate the migration of the system, and/or coordinate efforts with other projects.
- Implement the features using **Angular 6** using **TypeScript** with to develop the **Single Page Application (SPA)**.
- Implemented **Cloud Functions** to automate backend processes, streamline workflows, and reduce infrastructure complexity.
- Used **Vue.JS** for building apps and declarative templates with data binding and creating custom directives in the application.
- Used **JIRA** to keep track of bugs to reduce downtime, increase productivity, and Communication.
- Resolved data issues by leveraging the DOM update cycle in Vue.js.

Environment: Angular6, Vue, HTML5, CSS, Typescript, JavaScript, NodeJS, ESLint, JSON, REST, and SASS.

EDUCATION

- Bachelor's in computer science from **Mahatma Phule Krishi Vidyapeeth, Rahuri** July 2018.
- Master's in information technology from **Campbellsville University** March 2024.