

Vijaya
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Portfolio: <https://vijaya.netlify.app/>

SUMMARY

- **5 Years** of experience in **Software Engineering Processes** and **Development Methodologies**, **Business** and **Requirements Analysis**, **Object Oriented Analysis**, **Design** and **Implementation** of software systems, based on industry proven best practices & standards.
- Strong experience in working full **software development life cycle (SDLC)** of projects, from **Requirements Gathering**, **Analysis**, **Design**, **Development**, **Testing** to **Quality Review** up until **Production Support/Maintenance**
- Extensive experience in **front-end UI** design implementations by writing **HTML5/HTML**, **CSS3/CSS**, **Bootstrap**, **JavaScript**, **React**, **UI/UX** to make a better **Single Page Application (SPA)**
- Experience on **AWS** platform and its dimensions of scalability including **VPC**, **EC2**, **ELB**, **S3**, and **EBS**.
- Knowledge of **RDBMS** including Conceptual, Logical & Physical Database and Model using **Oracle**, **PL/SQL** programming, **SQL Query Analyzer**, **Packages**, **Stored procedures**, **Triggers**, **Cursors** and **Complex Queries**, **Query Tuning**.
- Exposure to **Micro services** development using spring boot and deployment in **Pivotal Cloud Foundry (PCF)**.
- Experience in **Core Java** concepts such as **OOP Concepts**, **Collections Framework**, **Exception Handling**, **I/O System**, **Multi-Threading**, **JDBC**, **Design Patterns**, **Generics**.
- Proficient in **Java Multi-Threading**, **Socket programming**, **Java Collections**, **Concurrency**.
- Proficient working with **REST APIs** and **JSON manipulation**.
- Built efficient modules with excellent understanding of **data structures** and **algorithms**.
- Solid communication and collaboration skills, with ability to understand stakeholders and efficient problem-solving skills to work independently.

EDUCATION

- Master of Technology in Software Engineering, R.V. College of Engineering.
- Bachelor of Engineering in Computer Science, Cambridge institute of technology.

SKILLS

Web Technologies/	HTML5, CSS3, SASS, CSS GRID, Flexbox, Figma, Bootstrap Gatsby, JavaScript, PHP, jQuery UI, Material UI
JavaScript	React JS, Redux, Node.js, Express.js, React Router,
Framework/Libraries	React Hooks
Build tools	Maven, Jenkins and NPM
Core Java	Collections, Generics, Multithreading, Serialization, Exception Handling, RMI, File I/O and Reflection
Database	MongoDB, MySQL, SQL
Testing	Selenium JUnit, Jest, Enzyme
Debugging Tools	Chrome Dev Tools, React Devtools
Version Controls	SVN, GITHUB, GIT
IDE's & Tools	Eclipse IDE, Visual Studio Code, Eclipse, STS, Atom

EXPERIENCE

Verizon. Richardson, Texas
Technology Lead

Feb 21 – Sept 21

- Lead a team of two UI developers by working closely with SM in assigning tasks and estimation planning.
- Identified and **fixed security vulnerabilities** in the application to maintain application performance and security.
- Created and enforced reusable component and endpoint thus **reducing the app bundle size by 20%**
- Part of developing RESTful APIs using Spring Boot framework.
- Responsible to work on new features, fix defects and deploy using CI/CD pipeline.

Toshiba
Software Developer – FrontEnd

Apr 18 – Jan 20

- Migrated legacy application to React and Java with more than **50% improvement in performance**.
- Rewritten all business logic with reusable components thus reducing the **number of files by more than half**.
- Developed application by using CSS3 to give gradient effects and to develop various page layouts, multi-level navigation and transitions to meet user needs for a large B2B application.
- Used CSS3 to develop Rich UI Components such as Accordions and Modal Windows using pure HTML 5 and CSS3 to match use cases defined by the client.
- Built Web pages following web standards that are more user-interactive using js framework such as jQuery plugins for Drag and Drop, Auto Complete, JSON, JavaScript and React JS 16.8.
- Worked on DOM, React Props, Lifecycle methods, React State Management and Events.
- Developed powerful visualization components and DOM manipulation using React JS to enhance user experience.
- Involved in developing HTML and JavaScript for client-side presentation and, data validation on the client side within the forms.
- Responsible for parsing JSON data to & from the server for presentation & storage in the project.

Brighter India Foundation
Software Engineer

Aug 16 – Mar 18

- Ownership for creating and testing APIs to ensure all functionalities are as per business requirements.
- Responsible for creating RESTful APIs using JavaScript, PHP and used Postman to test/document them.
- Worked with front-end engineer to help them understand how to integrate the APIs.
- Involved in creating database schema on relational database using phpMyAdmin.
- Wrote SQL queries to fetch data from database to produce membership reports.
- Used Cron jobs to schedule tasks to make sure the data is consistent in a regular interval.

Avaya. India
Associate Software Engineer

June 15 – Jul 16

- Helped company to automate their lab building process by developing a tool using Java and Selenium.
- Worked with bash scripts to manage VMware virtual machines.
- Developed a software signing tool to sign third party applications used by Avaya.
- Developed and documented Junit test case results.