

Highly skilled and motivated Software Engineer with a proven track record of success in Full Stack Development, Agile methodologies, and performance optimization. Possessing strong problem-solving, analytical, and leadership abilities, I have a deep understanding of Object-oriented programming and distributed scalable system design.

EXPERIENCE SUMMARY:

Associate Consultant: GlobalLogic (Nov 2021 - Present)

- Developed and led the Full Stack Development of the Reliability Modeler application for Hitachi Asset Power grid management and Verizon.
- Leveraged React and Java to create a seamless user experience.
- Took charge of deployment responsibilities, ensuring efficient application rollouts.

Senior Software Engineer-2: ZEMOSO Technologies (March 2021 - Oct 2021)

- Spearheaded front-end development using ReactJS, contributing to the success of various projects.

Member of technical Staff: athenahealth (Oct 2019-March 2021)

- Boosted the performance of the Athena Collector by developing Perl scripts for Demeter Horizontal.
- Actively participated in Agile methodologies, contributing to efficient Sprint planning and Bottom-up release plans.

Lead Engineer: HCL Technologies (June 2019-Oct 2019)

- Played a key role in the sustenance team for Brocade Network Advisor.
- Analyzed and resolved customer issues by diving into source codes (Java), databases (PostgreSQL), and log files.
- Successfully eliminated the third-party API SafeNet dependency from the BNA through Java backend development.

Software Engineer: TPF Software Inc (Nov 2015-Jan-2019)

- Demonstrated strong problem-solving and analytical skills, developing software using data structures, algorithms, and Core Java.
- Gained experience in Spring MVC and Hibernate, along with a solid understanding of design patterns and Object-oriented programming.
- Possessed good knowledge in distributed scalable system design and expertise in IBM S/390, z/TPF, and TPF-C/C++.

TECHNICAL SKILLS

LANGUAGE:	Java, JavaScript, Perl.
FRAMEWORKS:	Spring MVC, Spring Boot, JPA, React, Redux.
DATABASES:	PostgreSQL, MongoDB.
TOOLS:	NetBeans, zTPFGI, Visual Studio Code, TN3270, Putty, zVM.
OPERATING SYSTEMS:	MacOS, z/Linux, z/OS.

PROJECTS

Full Stack Development for My Verizon and RM Application (Client: Hitachi, Verizon) (Nov'21 - Present)

- Individually contributed a data-driven UI application and API using Java Spring Boot, resulting in improved application performance.
- Implemented Redux Saga, React development along with testing with RTL, jest and enzyme.
- Applied role-based authorization using JWT tokens and Custom Hooks for action components.
- Effectively led a team of 5 in resolving technical debts, reducing console errors by 55%.
- Conducted cross-team technical sessions to promote the widespread adoption of best practices and shared libraries.
- Engaged in recruitment efforts, including conducting interviews.
- Provided leadership and mentorship to junior engineers.

UI for Test Data Generation Service (Client: eBay) (Mar'21 - Oct'21)

- Developed a user-friendly UI for Transaction Data Generation CRUD operations using ReactJS, React Hooks, and Material UI.
- Successfully transitioned the team from Postman to the UI, following ATOMIC Design principles for maintainability.

Collector Demeter (Tech Debt team for Athena Collector product) (Oct'19 - Dec'20)

- Debugged and fixed bugs, resolving Internal Server Errors using Perl Script for Collector Application which gets more than 8 million hits/day.
- Reviewed and improved peer-written code, significantly improving user experience.
- Developed a standalone application, Coding Note Generator, using VB scripting.

Brocade Network Advisor (Client: Broadcom) (Jul'19 - Oct'19)

- Deprecated the SafeNet API in the existing Brocade Network Advisor and implemented custom user verification logic, resulting in cost savings.

Project Management System (Java Internal Project @TPF)

- Developed using Java Spring Boot, integrated with SonarQube for security and code quality enforcement.
- Optimized time and memory using data structures and algorithms.
- Internally used for task assignment, project management, timesheet, and leave tracking.

Mini Projects in TPF (TPF Software Training)

- Applied concepts learned in zTPF, s/390, TPFC, Assembly Programming, including File Handling, Memory/Process Management, and PNR Creation Program.

ACADEMIC DETAILS

- ❖ B.E. (Computer Science), MVJ College of Engineering Bangalore, 2015.
- ❖ 12th Kendriya Vidyalaya No 1 Delhi Cantt-10, 2010.
- ❖ 10th Kendriya Vidyalaya No 1 Delhi Cantt-10, 2008.

OTHERS

- Strong Analytical and Problem-Solving skills, with a deep understanding of OOPS Concepts.
- Knowledgeable in React, Java, TypeScript ECMAScript 6, Redux Saga.
- Successfully deployed personal backend applications to AWS Beanstalk using CodeBuild and CodePipeline.
- Deployed front-end applications to AWS Amplify and automated configuration management for EC2 instances using Chef.
- Adaptable to different programming languages and eager to learn new technologies.

Subodh Kumar