SUBODH KUMAR
[Portfolio]
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EXPERIENCE SUMMARY:
Associate Consultant: GlobalLogic (Nov 2021 - Present)
- UI Lead and Development of Reliability Modeler application for Hitachi Asset Power grid management.

Senior Software Engineer-2: ZEMOSO Technologies (March 2021 - Oct 2021)
- Worked on ReactJS and front-end developer.

Member of technical Staff: athenahealth (Oct 2019-March 2021)
- Perl script development for Demeter Horizontal for performance boost of the Athena Collector.
- Worked in agile methodologies, using JIRA, participated in Sprint planning Bottom-up release plan, delivering the task efficiently.

Lead Engineer: HCL Technologies (June 2019-Oct 2019)
- Worked in the sustenance team for **Brocade Network Advisor**.
- Responsible for quick response to the customer issues and root cause analysis by looking into source codes (Java), databases (PostgreSQL) and log files.
- Worked on removing the third-party API SafeNet dependency from the BNA, using java backend development.

Software Engineer: TPF Software Inc (Nov 2015-Jan-2019)
- Software development with strong problem solving and analytical skills using data structures, algorithms, and Core Java.
- Experience with Spring MVC and Hibernate
- Strong understanding of design patterns and Object-oriented programming.
- Good knowledge in distributed scalable system design.
- Well versed in IBM S/390, z/TPF, 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:	Windows XP/7/8/8.1/10, z/Linux, z/OS.

PROJECTS

UI Development for RM Application (Client: Hitachi, Verizon) (Nov'21 - Present)
- Developed an UI for the data driven application.
- Connected the app with Sonar Cloud, and resolved the technical debt resulting in the better application performance, and improved speed by 150%.
- Also, implemented Redux Saga, react testing using RTL to avoid the unwanted props drilling and applied clean code practices.
- Applied Role based authorization, across the application using JWT and Custom Hooks on action components.
- Lead the team of 5, for resolving the technical debts, and reduced the console errors by 55%.

UI for Test Data Generation Service (Client: eBay) (Mar'21 – Oct'21)
- Developed an UI for the Transaction Data Generation CRUD operations, using ReactJS, React Hooks, Material UI.
- Followed the ATOMIC Design principles, which made the application maintainable and sustainable.

- Impact of the task was team was able to completely move from Postman to the UI.

Collector Demeter (Tech Debt team for Athena Collector product) (Oct'19 – Dec'20)
- Debugged and fixed the bugs and resolved Internal Server Errors.
- Reviewed and improved code written by peers; language used majorly was Perl Script.
- Used Linux environment, VI editor, Perforce, MySQL.
- Impact of the task was, we were able to reduce the broken Athena collector pages by 60%, and improved great User experience.
- Developed a standalone application Coding Note Generator, using VB scripting, in a sprint single handedly.

Brocade Network Advisor (Client: Broadcom) (Jul'19 – Oct'19)
- Deprecated the SafeNet API from existing Brocade Network Advisor, and implemented custom user verification logic.
- Impact of the task was, it avoided the significant recurring cost of the third-party API.

Project Management System (Java Internal Project @TPF)
- Development using Java Spring Boot.
- Integrated source code management with SonarQube for effective enforcement of security and code quality measures thereby decreasing security and minor bugs substantially.
- Used Data Structures and algorithms to optimize the Time and Memory.
- Impact of the work was, it had been used internally for the assignment of task, project, timesheet, and leave tracking.

Mini Projects in TPF (TPF Software Training)
- Applied the concepts learnt in the zTPF, s/390, TPFC, Assembly Programming:
  -File Handling
  -Memory/Process Management
  -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 and OOPS Concepts**.
- ➢ Good knowledge in distributed scalable system design.
- ➢ Knowledge in **React, Java**, **TypeScript ECMAScript 6, Redux Saga**.
- ➢ Deployed my personal backend application to AWS Beanstalk using CodeBuild, CodePipeline.
- ➢ Flexible in moving from one language to another and curious to learn new Technology as well.

Subodh Kumar