SUSHMITHA PRATHAP

BOSTON, MA| (508)-509-9183 | sushmitha.prathap04@gmail.com | LinkedIn | Portfolio | GitHub

Education:

Master of Science in Information Systems, Northeastern University, Boston, MA   **2022 - 2024**

Courses: Data Management and Design, Object-Oriented Programming (OOP), User Experience and Design (UI/UX), Network Structures and Cloud Computing, Data Science Methods, and Tools, Data Structures and Algorithms

Bachelor of Engineering in Computer Science Engineering, Visvesvaraya Technological University, India   **2016 - 2020**

Experience:

Full-Stack Developer, One Community Global, San Gabriel, California   **March 2024 - Present**

- Designed and implemented new functionalities in an open-source web app using React.js, Node.js, and MongoDB, boosting system efficiency by 30% following best practices and approved code standards
- Led pull request and code reviews to maintain high code quality and expedite bug fixes across front end and back-end code base
- Implemented comprehensive unit tests for both frontend and backend REST web services

Software Developer, Murmuration Solutions Private Limited, Bangalore   **March 2020 - July 2022**

Web Application Development

- Led the development of a consumer-facing web application with React.js and Typescript, enhancing user engagement by 23%.
- Integrated a secure payment processing module, enabling smooth transactional functionalities within the application
- Engineered robust user authentication and serverless architectures using Firebase and AWS Lambda for optimized computation
- Implemented Redux and Redux Query for efficient state management reducing state-related bugs by 35%
- Collaborated with back-end developers to design a Redux middleware setup that handled edge cases in web and mobile features

Mobile App Development – React Native (Android & iOS)

- Led the full lifecycle development of cross-platform mobile applications with React Native
- Integrated Firebase for real-time messaging and push notifications, along with AWS S3 for efficient data storage
- Enhanced app performance through code-splitting and lazy loading while ensuring high code quality with testing via Jest

Software Developer, Yujana Infomedia Private Limited, Bangalore   **November 2020 - April 2021**

- Developed and maintained Typescript based reusable components, streamlining experience across Android and iOS
- Enhanced authentication module and collaborated on UX improvements, increasing user retention and satisfaction

Projects:

Smart Finance Tracker (React, Spring Boot, Bootstrap)

- Engineered a finance tracking application using React and Spring Boot, featuring a dashboard with interactive data visualization and efficient data management through a tree structure

Assignment Submission App

- Developed a CI/CD pipeline utilizing GitHub action workflows, Packer, and Pulumi, automating testing and deployment for a Node.js application with an auto-scaling Amazon EC2 setup and integrated cloud-based solutions like S3, Lambda, and SNS/SQS

Menu Masters (Mongo DB, Express JS, React JS, Node JS, Material UI)

- Built a scalable web application, contributing to both front-end in React.js and back-end in Node.js, Express.js, and MongoDB

Skills:

Languages:	JavaScript (including ES6+), Typescript, Python, JAVA, C, Golang
Frontend:	HTML, CSS (SASS, SCSS, Bootstrap), React JS (v16+), React Native, Redux, React Query, Tailwind CSS, Next JS, Webpack, JSON, Cross-browser Compatibility, SEO
Backend:	NodeJS, Express JS, Spring Boot
Cloud Technologies:	AWS, GCP, Docker, Kubernetes, IaC (Terraform, Pulumi)
DevOps & CI/CD:	Git, GitHub Actions, Packer, Jenkins, Jira, GitLab
Database:	Relational Database (MySQL, Postgres, Oracle SQL), NoSQL (Mongo DB, Cassandra)
Testing:	JEST, Cypress, Chai, Mocha, React Testing Library
Other Skills:	RESTful APIs, Linux, Networking Protocols, Microservices Architecture, API design and integration, Open AI API, Software Development Life Cycle
Soft Skills:	Stakeholder Management, Continuous improvement-oriented, Team Collaboration, Problem-Solving, Agile Practices, Experience with startups