

SUSHMITHA PRATHAP

BOSTON, MA | (508)-509-9183 | sushmitha.prathap04@gmail.com | [LinkedIn](#)

Skills:	
Languages:	JavaScript (including ES6+), Typescript, Python, JAVA, Rust, C
Web Technologies:	HTML, CSS (SASS, SCSS, Bootstrap), React JS (v16+), React Native, Redux, Hooks, Tailwind CSS, Angular JS, Three.JS, Next JS, NodeJS, Express JS, Webpack, JSON, Cross-browser Compatibility, SEO, WebSocket APIs, Materialize, Accessibility
Cloud Technologies	AWS (S3, Lambda, SNS/SQS, ElastiCache, Cloud Watch, Dynamo Db), Azure, GCP, Cloud Storage, Docker, Kubernetes, Terraform, Pulumi
DevOps & CI/CD:	Git, GitHub Actions, Packer, Jenkins, Jira, GitLab
Database:	Mongo DB, MySQL, PostgreSQL, Oracle SQL, NoSQL, Sqlite
Testing:	Unit Testing, Integration Testing, JEST, Cypress, Chai, Mocha, Selenium
Other Skills:	RESTful APIs, GraphQL, Redis, Linux, Networking Protocols, Agile Development, Serverless Architecture, MVC Architecture, Debugging
Soft Skills:	Stakeholder Management, Continuous improvement-oriented, Strong presentation, Communication and Collaboration skills, Team player, Problem-Solving, Experience with startups

Education:

Master of Science in Information Systems , Northeastern University, Boston, MA	2022 - 2024
Courses: Application Engineering Development (In JAVA), Web Design, Data Management and Database Design, Concept of Object-Oriented Design, User Experience and Design, Network Structures and Cloud Computing, Data Science Methods and Tools, Machine Learning	
Bachelor of Engineering in Computer Science Engineering , Visvesvaraya Technological University, India	2016 - 2020

Experience:

Software Developer , Murmuration Solutions Private Limited, Bangalore	Mar 2020 - Jul 2022
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Web Application Development

- Led the development of a responsive web application utilizing front-end stack (HTML, CSS, JS), React JS, and Redux, resulting in a seamless user experience and a 23% increase in engagement as a part of a fast-paced collaborative scrum team
- Translated 20+ Figma wireframes into meticulously crafted Material UI components, showcasing design acumen, and precision
- Elevated site performance by 48% through meticulous implementation of Google Analytics and cutting-edge SEO techniques
- Implemented robust user authentication using Firebase, enabling secure email and password-based logins and integrated serverless cloud functions using AWS Lambda to handle specific computational tasks efficiently
- Collaborated closely with cross-functional teams including Product Managers, Quality Assurance Engineers, and UX/UI Designers, effectively addressing challenges, and optimizing project outcomes

Mobile App Development – React Native (Android & iOS)

- Spearheaded React Native mobile app development for Android and iOS platforms, integrating Firebase for real-time messaging and push notifications, along with AWS S3 for efficient data storage
- Applied code-splitting and lazy loading strategies to enhance application responsiveness, significantly improving user experience and response times
- Ensured product reliability by meticulously crafting clean, well-documented code and conducting comprehensive unit, component and end-to-end tests using jest and mocha

Software Developer , Yujana Infomedia Private Limited, Bangalore	Nov 2020 - April 2021
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- Developed reusable UI components using React-Native & Typescript for Android and iOS, maintaining consistent and user-friendly interfaces
- Transformed the authentication module of the social media app, ensuring a seamless and secure user onboarding experience
- Collaborated with UX designers to define optimal features and actively participated in comprehensive app testing to deliver a polished and user-focused product handling all the use-cases

Projects:

Assignment Submission App

- Developed a comprehensive CI/CD pipeline utilizing GitHub workflows, Packer, and Pulumi, automating test execution and deployment for a Node.js web application for assignments and submissions
- Implemented an auto-scaling Amazon EC2 setup within AWS VPC to ensure optimal performance and reliability under varying load conditions and integrated cloud-based solutions like S3, Lambda, and SNS/SQS

Airport Management System

- Developed Oracle-based airport management system with PL/SQL, implementing 3NF normalization, procedures, functions, and triggers for efficient data handling, enhancing system functionality through optimized transactions and date operations

Menu Masters

- Built a responsive MERN full-stack web app using React JS and worked extensively on the backend using Node JS, Express JS, and MongoDB, ensuring high performance and scalability of the application