Sujith Kumar Thankaraj

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SUMMARY

Full Stack Engineer with 4+ years of experience in SaaS fintech platforms. Skilled in building scalable APIs, robust database schemas, and test-driven services with Ruby, Node.js, AWS, and React.js

PROFESSIONAL EXPERIENCE

Yubi (formerly CredAvenue), *Senior Software Engineer* | Chennai, India   **Oct 2022 - Dec 2023**
Tech Stack: React.js, Ruby on Rails, Node.js, AWS, PostgreSQL, MongoDB, Redis
- Gathered user requirements and translated business requirements to develop the YubiPools dashboard and landing pages user interface with React.js and GraphQL, reducing load times by 30% and enhancing overall user experience
- Created a Node.js upload service with Express.js and AWS S3 for handling large-scale financial datasets and managing data storage, introducing automation in file processing workflows that reduced load on core Back End servers by 30%
- Developed and managed a standalone Ruby on Rails microservice for payment processing and financial workflows, designing the Postgres database schemas and writing optimized SQL queries to boost throughput by 60%
- Managed the upgrade of a large React.js codebase from v16 to v17, improving TypeScript usage, mentoring developers, updating internal documentation, and leading refactoring initiatives to enhance debugging and maintainability
- Led low-level design (LLD) for key features, guiding team implementation in an agile software development environment, driving continuous improvement, and optimizing AWS infrastructure to reduce costs by 15%

Yubi (formerly CredAvenue), *Software Engineer* | Chennai, India   **Oct 2020 - Sep 2022**
Tech Stack: React.js, Ruby on Rails, Node.js, AWS, PostgreSQL, MongoDB, Redis
- Owned architecture and development of a full-stack NPA Monitoring system that processed 100K+ loans using AWS SQS and PostgreSQL in a Rails service, delivering scalable server-side processing and data visualization via a React UI
- Created a AWS Lambda function in Python to trigger AWS Fargate from the Rails service, automating Excel-to-CSV file conversion and increasing processing speed by 45% for large datasets
- Implemented automated testing using React Testing Library and Mocha with ES6 features enabling effective troubleshooting, ensuring quality standards, and enabling faster regression testing with increased coverage to 70%
- Partnered with engineering, product, QA, and operations stakeholders to deliver full-stack features supporting core financial workflows with reliability and accuracy.

CodingMart Technologies, *Product Development Engineer Intern* | Coimbatore, India   **Sep 2019 - Aug 2020**
Tech Stack: React.js, Node.js, Angular, Golang, Ruby, HTML, CSS, Prisma, Sequelize
- Contributed to front-end development with React.js, Bootstrap and backend validation using Node.js for a university recruitment management system, supporting 500+ concurrent users and facilitating the onboarding of 20+ interns
- Developed a Progressive Web Application (PWA) using React.js to provide real-time messaging and collaboration features, similar to Slack, using WebSocket and feature experiments for better UX
- Participated in CI/CD pipeline setup using Docker, improving deployment reliability and supporting continuous integration for services using cloud technologies and database systems

PROJECT EXPERIENCE

PingPong App, *Developer* | Binghamton, NY   **May 2024**
- Designed and developed a mobile app using Java and Kotlin for IP address validation, enabling users to easily check validity
- Added history and bookmarking feature, allowing users to save and revisit previously checked IP addresses

Real Time Chat Application, *Developer* | Binghamton, NY   **May 2025**
- Developed a real-time web app using React.js, MUI, Node.js, and Socket.IO to enable instant, bidirectional messaging.
- Implemented enterprise-scale access systems using SSO authentication with Auth0 to enable secure login via Google and GitHub, improving user convenience and security

TECHNICAL SKILLS

Languages: C, JavaScript, TypeScript, Ruby, Kotlin, HTML, CSS
Frameworks & Libraries: React.js, Redux, Node.js, Express.js, Ruby on Rails, GraphQL, SCSS, Sidekiq, Vite, Jest, Next.js
Databases: PostgreSQL, MongoDB, Redis, MySQL
Tools & Platforms: AWS Cloud, Kafka, Git, Jenkins, Babel, Webpack, NPM, CI/CD, Figma, REST APIs, Docker, JIRA, Asana
Development Practices: Agile methodologies, Unit Testing, Test-Driven Development, Code Reviews, A/B Testing

EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science
Master of Science in Computer Science | GPA - 3.74 / 4.00   **Aug 2025 (Expected)**

Bannari Amman Institute Of Technology, Sathyamangalam, India
Bachelor of Technology in Information Technology | GPA - 7.20 / 10.00   **Jun 2020**