Amritendu Bhattacharjee
SENIOR SOFTWARE ENGINEER

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Summary

Hi, I am a passionate MERN Stack Developer with over 6+ years of experience developing cross-platform applications and software solutions. Adept at utilizing the latest technologies to deliver efficient, scalable, and user-friendly distributed systems. My usual day at work involves translating business ideas into fully functional features, code-reviewing and mentoring juniors. I love reading about various system designs and developing personal projects when I am not at work.

Work Experience

Senior Software Engineer at **Epam Systems, Bengaluru (May 2024 - Present)**

- Contributing to several projects related to customer onboarding experiences as a key developer for American Express.
- Delivered end to end features with 100% test coverage.
- Uplifted 68% legacy code to modern tech stack.
- Implemented accessibility features in compliance with guidelines like WCAG.
- Enhanced security implementation for backend services using in house KMS service and custom PKI infrastructure

Senior Software Engineer at **Optym, Bengaluru (April 2022 – March 2024)**

- Spearheaded application refactoring resulting in reduction of FCP from 6.7sec to 2.8sec
- Authored a reusable components library using Storybook, facilitating consistency and collaboration across multiple project
- Mentored junior developers on React lifecycle methods, fostering their growth and proficiency in front-end development practices
- Collaborated closely with cross-functional teams including UI/UX designers, backend developers, and project managers to ensure seamless integration of frontend and backend components.
- Conducted code reviews and provided constructive feedback to junior developers, fostering a culture of continuous learning and improvement within the development team.

Skills and Areas of Expertise

Primary Skills: JavaScript, Typescript, Python,

Frontend: React, React Native, Electron, Material UI and Material Design System, Tailwind, NextJS, Redux, MobX, AngularJS, ShadCn, EsLint, Prettier, Webpack, Rollup

Backend: NestJS, NodeJS, Express, Redis, PKI System Implementation, WebSocket, MQTT, TCP, Middleware, API design and develop, Swagger, Endpoint Security, Asynchronous Coding, Muti Threading, Optimization, , AWS Cognito, KMS, SNS, Lambda Serverless, JSON, XML, API Gateway, SDK design, Distributed Systems.

Testing: Jest, React Testing Library, Cypress, Enzyme, Jasmine, Mocha, Chai script

DevOps: AWS (EC2, S3, ECS, EKS, Amplify, Code Pipeline), Docker, Azure pipelines, Git, Git Actions, Sonar Lint, Datadog, Splunk, Google Analytics

AI/ML: Prompt Engineering, Open AI Apis, Lang Chain, GitHub CoPilot

Tools & Project Management: Jira, Azure boards, Rally, Power BI, Trello, n8n etc, Postman, yarn, npm, pnpm, ClickUP, Azure Boards, Datadog, Cloudwatch, Confluence, Notion, Jenkins

Work Experience

Software Engineer at **Razrlab, Bengaluru**
(May 2020 – April 2022)

- Developed a B2B platform offering live tracking and analytics, catering to diverse client needs and ensuring seamless user experiences.
- Architected and implemented a Platform as a Service (PaaS) product, consolidating services for 15 B2B clients onto a single generator stack, resulting in significant cost savings and streamlined operations. - Worked on tracking systems for the Dubai Police.
- Implemented end-to-end encryption over socket connection, ensuring secure communication channels and protecting sensitive data from unauthorized access.
- Integrated broker agents like RabbitMQ.
- Designed and developed Express API servers with caching mechanisms and microservices architecture.

Full stack developer and Subject Matter Expert (InfoSec) at **CBNITS (Previously known as Nat It Solved Pvt Ltd), Kolkata**
(May 2020 – April 2022)

- Proficiently handled PKI, cryptography, file systems, and - encryption/decryption, ensuring robust security measures in software solutions.
- Successfully implemented storage-agnostic information rights management solutions, ensuring data security and compliance across diverse storage platforms.
- Implemented multi-tenancy and internationalization, catering to diverse user bases and global scalability requirements.
- Engineered cross-platform clients, ensuring seamless user experiences across diverse environments and devices.

Recognition

- Appreciation for timely delivery and excellence from American Express and EPAM System
- Won citizen bank challenge hackathon for a client.
- Best team of the quarter (CBNITS)
- Star performer (CBNITS)
- Awarded midyear increment and ESOPS for performance.

Certifications

- Hacker Rank React
- Hacker Rank JavaScript