Vijit Mishra , Senior Software Engineer

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Websites and Social Links

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Summary

Full Stack Developer | AI & Automation Enthusiast | Scalable Systems Architect
Versatile stack developer with 8+ years of experience delivering scalable web apps and automation tools. Expert in React.js, Node.js, MongoDB, SQL, and microfrontends. Proven track record in AI-driven automation, performance optimization (2.5s+ load time gains), and large-scale migrations (Angular $\rightarrow$ React). Strong leader and mentor, focused on building high-impact, production-ready solutions under tight deadlines.

Professional Experience

Senior Software Engineer, Malaysia

Luxoft , Working for Singapore's leading bank   *Nov 2022 — Current*

Led performance optimization, regional scalability, and modular architecture for the Infinity digital banking app across six APAC markets.

- **Optimized Dashboard & Forms Load Time by 2.5s:** Employed performance tuning techniques including memoization, lazy loading, and code-splitting to significantly reduce latency for core user workflows.
- **Reduced Server Bundle Size for Faster SSR:** Improved server-side rendering (SSR) efficiency by optimizing webpack configurations, reducing payload size and enhancing Time-to-First-Byte (TTFB) performance globally.
- **Multi-Region Support & Management:** Provided end-to-end support for the Infinity app across six countries (Singapore, Malaysia, Indonesia, Hong Kong, Vietnam, and Thailand), ensuring region-specific compliance and localization.
- **Micro Frontend Integration using Module Federation:** Enabled modular, scalable development by integrating merchant-specific apps (e.g., Grab, Foodpanda) into the main banking portal via Webpack Module Federation, reducing deployment dependencies and onboarding time.

SDE-3, India

Airtel Payments Bank, India's leading mobile-first digital banking app   *Nov 2021 — Nov 2022*

Drove key performance optimizations and full-stack feature development

- **Reduced Web Bundle Size by 1.1MB (5.6MB → 4.5MB):** Achieved significant performance gains by optimizing scripts, compressing static assets, and removing unused code, resulting in faster load times and improved Core Web Vitals.
- **End-to-End Development of Blogs Web Page:** Spearheaded the complete design-to-deployment lifecycle of the APB Blogs page using Angular and Prismic CMS, ensuring maintainability and scalable content management for marketing teams.
- **Redesigned Recharge (Prepaid/Postpaid) Module:** Overhauled critical user journeys with improved UI/UX, state management, and robust validations, contributing to a measurable uplift in transaction conversion rates.

Full Stack Engineer, India

HSBC, One of the world's largest multinational banks   *Jul 2016 — Oct 2021*

- **Transformed Cards Landing & Statement Module (US):** Conducted a successful POC in React.js, reducing agent response time from 1m 20s to 40s, and transitioned it into a full-scale live deployment for U.S. operations.
- **Developed ML Model to Reduce Loan Defaults:** Built a predictive machine learning model using loan default data for the credit-loan division, helping the business reduce loan default rate by 3.5% through better targeting and risk segmentation.
- **Delivered High-Impact Projects Across 5+ Countries:** Gained hands-on international experience delivering end-to-end solutions for Hong Kong, UK, Taiwan, Malaysia, and the U.S., with each product contributing $1M+ in revenue.
- **Led Project 'Octopus' for Hong Kong Market:** Automated AAVS (Automatic Add Value Service) card issuance, enhancing operational efficiency for HSBC, acting in its role as the reserve bank of Hong Kong.
- **Built Regional Credit Card Platforms Using Angular & Spring:** Designed and deployed full-stack systems for credit card issuance and management using Angular 1.5 and Spring, now live across Malaysia, Hong Kong, and Taiwan.
- **Led End-to-End Migration from Angular 1.5 to React.js:** Spearheaded the complete modernization of legacy codebases, driving the architectural shift to React.js, improving performance, developer velocity, and long-term maintainability across multiple banking modules.

Key Skills & Technical Stack

- **Frontend Development:** React.js, Redux, TypeScript, Material-UI, Javascript, CSS, HTML, Nextjs, Micro frontends (Module Federation), AngularJs.
- **Backend & APIs:** Node.js, Express.js, Spring Boot, RESTful APIs, Akamai(CDN), Redis(Cache), Apache Camel, Kong.
- **Databases and Logging:** MySQL, MongoDB, Postgres, Splunk, Grafana.
- **DevOps & CI/CD:** Git/GitHub, Docker, Jenkins, AWS, Jira, NGINX.
- **Machine Learning & Analytics:** Python, Scikit-learn, TensorFlow, Data Modeling.
- **Build Tools & Testing:** Webpack, Vite , Jest, Unit Testing.

Passion Projects & Initiatives

- **XAutoDM – AI-Driven Twitter Automation Tool**
Built a scalable automation tool using Puppeteer and **Twitter APIs** to send **10,000+ personalized messages/day**, streamlining manual outreach. Integrated **targeted user data extraction** and **REST APIs** to boost conversions and engagement for B2B clients without compromising performance.
- **Klutchh – India's Fastest Growing E-Sports Platform**
Developed a real-time multiplayer gaming platform using React.js and **Node.js**, supporting **30K+ users**, live events, leaderboards, and streaming. Architected for scale and high responsiveness, driving major tournaments and active user engagement.
- **Instructor (MERN Stack) – Newton School (India's Leading Tech Career Accelerator)**
Mentored 300+ students in full-stack web development, covering **JavaScript, HTML, CSS, React.js, Node.js, SQL**, and **NoSQL**. Delivered industry-aligned, project-based learning to prepare freshers and junior developers for real-world roles.

Languages

English - Native | German - Beginner

Education

- **PGD, Computer Science, IIIT Bangalore, India, 2020 — 2022**
Graduated with 3.87 GPA from India's leading institute for Information and Communication Technology research
- **B.Tech, Electronics and Communications, NSIT, India, 2012 — 2016**
Admitted among the top 0.2% of engineering aspirants and graduated with 75% aggregate