MOHAMED ASHIQ

Senior Software Engineer | Technical Lead | Full Stack & Mobile Developer
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"I believe, Every achievement begins with a single step and the willingness to continuously learn and grow"

PROFESSIONAL SUMMARY

Senior Software Engineer and Technical Lead with 12+ years of experience architecting and delivering scalable web, mobile, and full-stack SaaS applications across healthcare, fintech, blockchain, logistics, wellness, and enterprise domains. Deep expertise across the full stack — React.js, React Native, Node.js, TypeScript, JavaScript, and Next.js — with a strong specialization in frontend architecture and native iOS/Android mobile development.

Proven track record leading engineering teams of up to 8 developers, setting technical direction, and owning end-to-end delivery from system architecture through production. Adept at full-stack development, REST API integration, AWS cloud services, CI/CD, Agile delivery, and AI-assisted engineering workflows that raise team productivity and code quality.

TECHNICAL SKILLS

Frontend: React.js, React Native, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Angular, Vue.js, Redux, Recoil, Zustand, React Query, Webpack (Module Federation), Tailwind CSS, Ant Design, Material UI, Bootstrap, Figma (Design-to-Code Implementation)

Backend: Node.js, Express.js, REST APIs, GraphQL (Consumer-side), JSON APIs, JWT Authentication, API Integration

Mobile Development: React Native, iOS & Android Development, Native Bridging (Kotlin, Swift), Xcode, Android Studio, Gradle, CocoaPods, App Store & Google Play Store Deployment, Firebase, Push Notifications, Deep Linking

Database & ORM: MongoDB, ArangoDB, PostgreSQL, Prisma, Data Modeling

Cloud & DevOps: AWS (Lambda, API Gateway, S3, DynamoDB), CI/CD, GitHub Actions, GitLab CI, Jenkins, Docker, Git

Blockchain / Web3: Solidity, Ethereum, Web3, Smart Contract Integration, DApp Interfaces

Testing & Quality: Jest, React Testing Library, Unit Testing, Integration Testing, Test Automation, Postman

Engineering Practices: Software Architecture, System Design, Clean Code, Design Patterns, Coding Standards, Code Reviews, Agile/Scrum, Technical Documentation, Jira

AI-Assisted Development: Cursor AI, Claude, GitHub Copilot, AI-Powered Code Generation, LLM Integration (OpenAI GPT-4, Ollama)

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Technical Lead | Life Line Lab Sdn. Bhd. *Sep 2020 – Present*
Kuala Lumpur, Malaysia

- Spearhead a team of around 8 developers as Technical Lead, setting technical direction, coding standards, and code review practices for scalable web and mobile application delivery.
- Architect and build enterprise-grade full-stack applications using React.js, React Native, TypeScript, JavaScript, Redux, and Recoil, translating business requirements into scalable frontend and mobile architectures.
- Own end-to-end product delivery — requirement analysis, system architecture, development, testing, deployment, and production support — across healthcare, wellness, accounting, marketplace, and enterprise domains.
- Built and maintained a shared design system, published and consumed via npm across multiple internal projects, ensuring UI consistency and reducing duplicate component work.
- Engineer reusable, high-performance component architectures and enforce clean-code and testing practices using Jest and React Testing Library, driving an estimated 25-30% reduction in application load times across key platforms.
- Integrate REST APIs, payment gateways, healthcare APIs, and logistics platforms, and ship and maintain native mobile applications on the Apple App Store and Google Play Store.
- Champion AI-assisted development workflows (Cursor AI, ChatGPT, Claude) across the team, cutting estimated development and debugging time by 20-25% and raising overall code quality standards.

Key Projects

- Clinical Management System, Corporate Wellness Platform, Accounting & E-Invoicing, Supply Chain & Logistics, Healthcare Marketplace.

Senior Frontend Developer | Technical Lead | Finterra Technologies Sdn. Bhd. *Jan 2018 – Aug 2020*

Kuala Lumpur, Malaysia

- Directed frontend development strategy and mentored engineers building scalable fintech, blockchain, and enterprise-grade web applications.
- Architected complex, high-performance web applications using Angular, Vue.js, JavaScript, and TypeScript, with a focus on scalability and long-term maintainability.
- Built blockchain-based platforms — including explorers, digital wallets, ICO platforms, and DApp interfaces — reaching an estimated several thousand users, bridging Web3 protocols with production-grade frontend systems.
- Integrated REST APIs, smart contract workflows, and third-party payment gateways (PayPal, Stripe, FPX, MOLPay) into customer-facing applications.
- Drove frontend architecture decisions, established coding standards, led code reviews, and supported production release cycles.

Key Projects

- Blockchain Explorer, Digital Wallet, ICO / Blockchain Platform, Charity Platform, E-Commerce Platform

Software Engineer | Provility Software Solutions Pvt. Ltd. *Oct 2014 – Oct 2017*

Chennai, India

- Built and shipped web, mobile, and desktop applications using Angular, Ionic, Electron, Node.js, and MongoDB across the full development lifecycle.
- Delivered cross-platform mobile and desktop solutions using Ionic and Electron, extending a single codebase across multiple platforms.
- Developed and integrated REST APIs powering backend-connected production applications with Node.js and MongoDB.
- Managed application deployments across Heroku and DigitalOcean cloud platforms.
- Contributed to requirement analysis, debugging, and testing throughout the delivery lifecycle.

Key Projects

- RoboCompass (3D robotic geometry platform used by teachers and students worldwide), WeldPro, TestDunia

AI-Powered Medical Coding Assistant | Personal Project

Full-stack LLM application that auto-generates medical diagnosis and procedure codes from clinical text, with batch processing and eligibility analysis. React.js, Node.js, Express.js, MongoDB, OpenAI GPT-4, Ollama.

EDUCATION

Bachelor of Engineering in Computer Science *Jun 2010 – Apr 2014*

Loyola Institute of Technology and Science, Tamil Nadu, India

CERTIFICATIONS & LICENSES

- Architecture Specialist — OutSystems (Jun 2024)
- Associate Reactive Developer — OutSystems (Apr 2024)
- ITIL 4 Foundation Certificate in IT Service Management (May 2019)

ACHIEVEMENTS

- “Top Performer” Award — OutSystems Developer School (Apr 2024)
- “Outstanding Achievement” Award — Finterra Technologies (Aug 2019)

LANGUAGES

English • Tamil • Malayalam