

MOHAMMED ASHIF A L

Software Developer (MERN + Gen AI)

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OBJECTIVES

Results-driven Full Stack Developer with nearly 4 years of experience in crafting scalable, high-performance web and mobile applications. Expertise includes a wide range of technologies such as ReactJS, React Native, JavaScript (ES6+), Redux, Context API, MySQL, Node.js, HTML5, CSS3, Webpack, and Git. Proficient in writing unit and integration tests with a strong focus on code quality and coverage, complemented by hands-on experience in eCommerce and client communication. Committed to leveraging technical skills and collaborative abilities to drive innovation and success.

TECHNICAL SKILLS

- Frontend Technologies:** React Native (Android & iOS), NextJS, ReactJS, JavaScript, TypeScript, Redux, Redux Toolkit, React Query, SCSS, CSS3, HTML5, Styled Components, Tailwind CSS.
- Backend Technologies:** Node.js, Express, REST APIs, Kafka, MVC, Clean Architecture, Microservices Architecture.
- Database Management & Testing:** MySQL, MongoDB, Unit Testing, Code Coverage Tools.
- AI & ML:** Gen AI, LLMs, RAG, Agentic AI, ML Algorithms, Vector Search, Tokenization, Prompt Engineering.
- Tools & Platforms:** Git, GitHub, App Store, Play Store, AWS S3, AWS EC2, Firebase, Jenkins, Linux, Npm, Vercel, Netlify.

WORK EXPERIENCE

Span Technology Services (P) Ltd – Software Engineer

July 2025 – Present

- Reduced dashboard latency by 95% (15s → 700ms) by moving compute-heavy logic from frontend to backend, optimizing REST APIs, and improving data flow efficiency.
- Designed and built scalable Node.js & Express REST APIs for a fintech retirement platform, optimizing MongoDB schemas, indexes, caching, and aggregation pipelines for high performance.
- Developed SEO-friendly Next.js UIs and integrated Kafka-based event-driven architecture, enabling real-time processing with improved reliability, scalability, and fault tolerance.

NanoSoft Solutions - Software Engineer

Jun 2023 – Jun 2025

- Developed and maintained scalable web and mobile applications using React.js, React Native CLI, and Node.js, increasing user engagement by ~40% and improving overall application reliability.
- Implemented advanced React Native features including smooth animations, native module integration, and deep performance optimizations, reducing app load time by 25% and improving runtime responsiveness.
- Implemented Over-the-Air (OTA) update mechanisms to enable seamless feature rollouts and instant bug fixes, reducing release turnaround time and enhancing user experience without app store redeployments.

Digiminds - Frontend Developer

April 2022 – May 2023

- Built scalable React.js and React Native applications serving 10K+ weekly active users across Android and iOS platforms. Improved UI performance using React Hooks, memoization, and component reusability, enhancing responsiveness and rendering efficiency.

PROJECTS

Wealth Rabbit - Fintech Application

- A cutting-edge MERN-based Wealth Management application enabling goal-based retirement planning, real-time portfolio insights, and high-performance dashboards, built with scalable APIs, optimized backend calculations, and a secure, modern user experience.
- Engineered for scale and low latency, the platform leverages optimized MongoDB aggregations, API-level caching, and event-driven processing to deliver real-time insights with sub-second response times.

Smart FM Reach V5 - CAFM Application

- A cutting-edge Facility Management React Native application featuring push notifications, advanced animations, OTA updates, screenshot prevention, Optimized performance, high-level security and a modern UI.
- Designed with robust functionality and seamless integration with Firebase for enhanced performance and security.

Discount Market Online - Ecommerce Application

- A feature-rich, scalable e-commerce ReactJS web app with product listings, cart, checkout, and payment integration. Implemented dark/light theme toggle, optimized performance with Webpack and Babel, and enhanced UI with Tailwind CSS. Integrated robust authentication with JWT and OAuth, ensuring high-level security and seamless user experience.

EDUCATION

Master of Computer Applications (MCA) – Bharathiar University, (Online, Regular Mode)

Aug 2023 – Jul 2025
Coimbatore

Bachelor of Computer Science (BSC) – Bishop Appasamy College of Arts and Science,

(Offline, Regular Mode)

Jun 2020 – Jun 2023
Coimbatore

PROFESSIONAL DEVELOPMENT & CONTRIBUTIONS

Actively developing skills in AI/ML and Web3 technologies while contributing to open source by creating and publishing multiple npm packages, including react-native-skeleton-skimmer and react-native-toastify-pro, with additional libraries in progress.

LANGUAGES & CERTIFICATIONS

Languages: English (Fluent), Tamil (Native), Malayalam (Proficient), Hindi (Conversational).

Certifications: [HackerRank Javascript\(Basic and Intermediate\)](#)