

EBENEZER JOHNSI RAJAN

SOFTWARE ENGINEER

Tamil Nadu, India | [Linkedin](#): ebenezer-j | [Github](#): @ebe-nezer
ebenezerrajan.dev@gmail.com | +91-8925268608

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 3+ years of hands-on experience, specializing in architecting and delivering scalable web and mobile applications utilizing React Native (Expo), Next.js, MERN stack, TypeScript, and Cloud Computing platforms (AWS/GCP). Successfully led the development of the InvusProp real estate platform, implementing high-performance Next.js landing pages, cross-platform Expo React Native mobile apps, and robust NestJS microservices for backend operations (REST/GraphQL APIs, Prisma ORM). Key competencies include performance optimization, large-scale AWS Cognito migration, adherence to Agile/Scrum methodologies, advanced Redux Toolkit state management, implementing Docker-based DevOps, and UX-driven feature delivery with demonstrated engineering impact.

WORK EXPERIENCE

Invus Infotech OPC Pvt. Ltd. <i>Software Engineer</i>	Chennai <i>Dec 2023 – Dec 2025</i>
Led the frontend and mobile engineering for the InvusProp real estate platform, delivering a high-performance landing page and a feature-rich cross-platform mobile application.	
→ Mobile Engineering & Native Modules: Built a scalable Expo React Native app with full iOS/Android parity, implementing custom Native Modules to handle secure OTP verification and seamless user authentication.	
→ Web Performance Optimization: Developed a responsive Next.js landing page with Server-Side Rendering (SSR), optimizing Core Web Vitals to achieve a 90+ Google Lighthouse performance score and enhanced SEO rankings.	
→ DevOps & Deployment: Established an automated mobile build pipeline using EAS Build and GitHub Actions, enabling seamless Over-The-Air (OTA) updates and reducing deployment turnaround time by 50% .	
→ Frontend Quality Assurance: Integrated dynamic form validation and comprehensive error handling for complex property/loan workflows, reducing user input errors by an estimated 30% via robust state management.	
→ Backend Development: Designed and implemented highly optimized data processing algorithms for core property posting features using NestJS and Prisma ORM, efficiently streamlining data flow	

Skills Applied:

React Native (Expo) | NestJS | Prisma ORM | GitHub Actions | AWS | Docker

HashHackCode LLP <i>MERN Stack Developer</i>	Chennai <i>Nov 2022 – Dec 2023</i>
Developed a scalable educational platform serving a diverse user base of students and mentors, focusing on accessibility and data security	
→ Security & Access Control: Designed and implemented a centralized RBAC (Role-Based Access Control) system for 3 distinct user roles (Admin, Mentor, Student), preventing unauthorized data access.	
→ Database Optimization: Managed and optimized MongoDB schemas across 10+ collections , implementing indexing strategies that reduced query execution time for student progress reports.	
→ Accessibility Standards: Built responsive React interfaces compliant with WCAG 2.1 accessibility standards , directly improving platform usability for neurodiverse learners.	
→ Process Automation: Developed RESTful APIs with Node.js/Express that automated course delivery workflows, reducing manual administrative setup time by an estimated 20% .	
→ Collaboration: Partnered with stakeholders in Agile sprints to deliver modular features, ensuring 100% on-time delivery for key platform updates	

Skills Applied:

React.js | Node.js | Express.js | MongoDB | REST APIs | RBAC | Docker | Agile

PROJECTS

Nutritional Admin Dashboard - NextJS, Electron	Chennai
Cross-Platform Scale: Architected a scalable subdomain system supporting unlimited business card deployments from a single codebase.	

→ **Data Synchronization:** Implemented real-time Firebase synchronization to ensure **sub-second data consistency** across desktop and web clients.

→ **Desktop Performance:** Packaged optimized Electron builds for Windows, macOS, and Linux, ensuring native-like performance with **low memory footprint**.

Skills Applied:

React.js | TypeScript | Chart.js data visualization | MongoDB | REST APIs | RBAC | NextJS | Firebase

EDUCATION

Dhanraj Baid Jain College of Arts & Science **Chennai**

M.Sc., Computer Science 2022-2024

Mar Gregorios College of Arts & Science **Chennai**

B.Sc., Computer Science | Graduated with First Class 2019 – 2022

SKILLS

→ **Frontend:** React.js, React Native (Expo), Next.js, Redux Toolkit, Context API, React Query, Axios, Material UI, Styled Components, Tailwind CSS, Hooks, Functional Components, Code Splitting, Lazy Loading, Responsive Design

→ **Backend:** NestJS, Node.js, Express.js, REST API, Prisma ORM, MongoDB, PostgreSQL, SQL/NoSQL, JWT, OAuth, RBAC, Microservices

→ **Mobile:** React Native, Expo, EAS Build, OTA Updates, Cross-platform Development

→ **DevOps/Tools:** GitHub Actions, Docker, AWS (Amplify, CloudWatch, Cognito), Vite, Figma, Git, CI/CD, Agile, Scrum, Version Control

→ **Databases:** MongoDB, PostgreSQL, Firestore, Firebase Realtime Database

→ **Other:** Electron, Payment Gateways (Razorpay), WordPress REST API, SEO Optimization, Technical Documentation

CERTIFICATIONS

→ **React: Using Typescript**

→ **From React to React**

→ **Front End Web Development**