

# MOHD ASGAR BHOJANI

## Senior Software Engineer

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### SUMMARY

Software Engineer with 4.5+ years of experience building scalable mobile, web, and backend applications. Skilled in developing cross-platform apps using React Native, modern web applications using React.js, and backend services with Node.js. Experienced in designing secure FinTech solutions, multi-tenant architectures, real-time systems, and search-driven platforms using technologies like PostgreSQL, and OpenSearch. Strong focus on performance optimization, clean architecture, and delivering reliable products across web and mobile platforms.

### EXPERIENCE

#### Software Engineer Peerbits Solutions Pvt Ltd

06/2021 - Present Ahmedabad, Gujarat

- Developed and maintained 15+ production-grade mobile applications using React Native (TypeScript/JavaScript) for Android and iOS across FinTech, banking, utility, education, and on-demand service domains.
- Built secure FinTech applications with features such as SSL pinning, screenshot prevention, root/jailbreak detection, and encrypted local storage.
- Implemented offline-first architecture using Realm DB & SQLite, improving data reliability in low-network environments
- Integrated Google Maps SDK for real-time location tracking and navigation, along with in-app purchases, subscriptions, and push notifications.
- Built and optimized multi-language applications (English, Arabic, Spanish, and 8+ locales) using localization best practices.
- Led feature modules end-to-end and mentored junior developers, improving delivery quality and reducing production bug rates.
- Developed and maintained scalable web applications using React.js and built RESTful APIs using Node.js, ensuring seamless integration between frontend and backend systems while improving application performance and reliability.

#### Software Development Intern Amar InfoTech

01/2021 - 06/2021 Ahmedabad, Gujarat

- Built responsive UI components and improved navigation flows in React Native applications.
- Implemented real-time 1-to-1 chat functionality using Firebase Firestore.
- Gained hands-on experience with React Native fundamentals, Firebase integration, and production release workflows.

### SKILLS

#### Mobile & Frontend

React Native Expo Expo Updates (OTA)

React.js TypeScript JavaScript

Redux Redux Toolkit TanStack Query

Google Maps SDK iOS Android

In-App Purchases (IAP)

App Store & Play Store Deployment

#### Backend & Data

PostgreSQL SQLite Realm DB

Node.js RESTful APIs

Push Notifications PostGIS

OpenSearch TypeORM AWS Lambda

Docker

#### Tools & DevOps

Git GitHub GitLab Bitbucket Jira

Codemagic CI/CD Agile

#### App Security

SSL Pinning Root/Jailbreak Detection

### KEY ACHIEVEMENTS

Delivered multiple production apps with 10k+ downloads across App Store and Play Store, with one app reaching 50k+ downloads on Play Store.

Reduced app crash rate by ~30% by improving performance, optimizing state management, and fixing high-impact runtime issues.

Successfully led and shipped mission-critical FinTech and Banking apps.

## PROJECTS

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### Geointlx – Geospatial Intelligence Platform

- Built a full-stack geospatial intelligence platform using React, Redux Toolkit, NestJS, and PostgreSQL (PostGIS), enabling users to search, filter, and visualize geological documents on interactive Mapbox GL maps with spatial polygon queries and real-time clustering.
- Designed a scalable multi-tenant architecture supporting database-per-tenant isolation, micro-frontend composition via Module Federation, and automated document indexing pipelines with AWS Lambda for knowledge base ingestion.
- Developed scheduled alert notifications via cron jobs and MagicBell.

### O-Gas

- Developed a comprehensive gas delivery management platform using Node.js, Express, TypeScript, and MySQL with TypeORM, implementing real-time order tracking, multi-role user management (customers, vendors, drivers), and automated commission calculations across the entire delivery lifecycle
- Built a scalable notification system using Firebase Cloud Messaging, Twilio SMS, and email services to deliver real-time order updates, driver dispatch alerts, and delivery confirmations, reducing customer support inquiries by 40% through proactive communication

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### Ta3meed – PO-Based Financing Platform

- Developed a PO-based financing mobile application in Saudi Arabia connecting small and mid-market businesses with peer-to-peer investors.
- Enabled fast financing backed by government purchase orders (POs), allowing businesses to request, manage, and track funding digitally.
- Implemented a highly secure financing system with measures such as SSL pinning, device integrity checks, and encrypted local storage.

### PASB Online – Mobile Banking App

- Developed core mobile banking features including Scan & Pay, Quick Pay, biometric authentication, and card management.
- Integrated FreshChat SDK to enable in-app customer support and real-time assistance for banking users.
- Implemented secure authentication flows, performance optimizations, and production-grade stability for banking operations.

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### KiwiChat – Messaging Platform

- Developed a real-time messaging application with offline support and subscription-based premium features.
- Implemented efficient data synchronization and caching using TanStack Query and SQLite for offline-first messaging.
- Optimized message delivery, background sync, and real-time updates to ensure reliability in low-network conditions.

### Saleh-Kids – SaaS Platform

- Building a SaaS-based platform using a monorepo architecture for scalable frontend and backend development.
- Implementing role-based access control, modular services, and production-ready workflows.

## EDUCATION

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### Master of Science (IT)

📅 06/2018 - 03/2020 📍 Bhavnagar, Gujarat

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### Bachelor of Computer Applications (BCA)

📅 06/2015 - 06/2018 📍 Bhavnagar, Gujarat

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[Maharaja Krishnakumarsinhji Bhavnagar University](#)