



ALLEN MASUD

Senior Full Stack Developer

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📍 Dhaka, Bangladesh

PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with 3+ years of experience delivering production-grade cross-platform mobile and web applications. Specializes in Flutter and Django ecosystems with a strong command of backend architecture, cloud infrastructure, and DevOps. Proven track record across education technology and logistics domains — including a flagship app serving 300,000+ users with a 4.8-star Play Store rating.

CORE SKILLS

Languages	Dart · Python · JavaScript · HTML · CSS
Frameworks	Flutter · Django · Laravel · Next.js · Node.js
Architecture	MVVM · REST API Design · Microservices · MVC
Databases	PostgreSQL · MySQL · MongoDB · Firebase Firestore
DevOps & Cloud	Docker · AWS EC2 · DigitalOcean · Nginx · CI/CD · Linux
Platforms	Firebase · Supabase · Google AdMob · pub.dev
Tools	Git · GitHub · Postman · Android Studio · VS Code

PROFESSIONAL EXPERIENCE

Senior Software Engineer *March 2022 – Present*

beFair Education · Dhaka, Bangladesh

- Architected and delivered cross-platform Flutter apps (Android, iOS, Web) using MVVM, maintaining 99%+ crash-free sessions across 300,000+ active users.
- Built high-concurrency Django and Laravel backends with RESTful APIs serving users across Bangladesh, Saudi Arabia, and the UAE.
- Led end-to-end development for 5+ live production apps — from system architecture and planning through to deployment and post-launch monitoring.
- Configured AWS EC2 and DigitalOcean infrastructure with Nginx reverse proxies and CI/CD pipelines, reducing deployment time by 60%.
- Integrated Firebase Auth, Firestore, FCM push notifications, and Crashlytics for real-time features and actionable analytics.
- Mentored junior developers and conducted code reviews, reducing post-release defects by 35%.

- Co-engineered 'Ultimate Job Solutions' — Bangladesh's leading job platform — achieving 300,000+ downloads and a 4.8 / 5.0 Play Store rating.

Software Engineer (Contractual) June 2024 – Present

BGL Elite Ltd - Riyadh, Saudi Arabia

- Designed and developed responsive web applications and cross-platform mobile apps tailored to client specifications, ensuring consistent performance across devices and platforms.
- Built and maintained backend services and RESTful APIs to support application functionality, data flow, and third-party integrations.
- Managed end-to-end deployment pipelines including server configuration, environment setup, and production releases on cloud infrastructure.
- Collaborated directly with stakeholders to gather requirements, iterate on features, and deliver solutions on schedule within a contractual engagement model.
- Monitored and maintained live applications post-deployment, resolving issues promptly to ensure high availability and stability.

KEY PROJECTS

KSAJob24 — *International Job Platform*

Stack: Flutter · Django · PostgreSQL · AWS EC2

- Built Android, iOS, and Web platforms with bilingual Arabic / English UI for the Saudi Arabian job market.
- Developed Django + PostgreSQL backend handling 50K+ daily requests with advanced job-matching and filtering algorithms.
- Integrated secure payment gateways and subscription tiers, increasing platform monetization by 40%.
- Achieved 99.9% uptime via Nginx + SSL/TLS configuration on AWS EC2.

Ultimate Job Solutions (UJS) — *High-Traffic Job Platform · 300K+ Users*

Stack: Flutter · Firebase · Google AdMob

- Scaled Bangladesh's most popular job app to 300,000+ registered users processing thousands of daily applications.
- Implemented Firebase real-time alerts and FCM push notifications, reducing average time-to-hire by 25%.
- Optimized state management and lazy loading — reduced app cold start time by 40%.
- Integrated Google AdMob with strategic ad placement, generating ad revenue while maintaining a 4.8-star UX rating.

Safe Home — *Real-Time Safety Application*

Stack: Flutter · Firebase · Google Maps API

- Built a personal safety app with real-time location sharing, SOS emergency alerts, and geofenced family zone notifications.
- Implemented Firestore real-time listeners with background service workers for low-connectivity scenarios.
- Designed accessibility-compliant Material UI optimized for ease of use in emergency situations.

IELTS Vocabulary App — *EdTech Learning Platform*

Stack: Flutter · SQLite · Spaced Repetition

- Built vocabulary acquisition app using spaced repetition, interactive quizzes, and gamified progress tracking.
- Implemented offline-first SQLite architecture for seamless learning without internet connectivity.

- Gamification elements (streaks, badges, leaderboards) improved daily active user retention by 30%.

MyCity App — *Smart City Platform*

Stack: Flutter · REST API · Firebase

- Contributed to a smart city solution app providing citizens access to municipal services and community reporting tools.
- Refactored UI widgets and optimized state management, reducing ANR (Application Not Responding) rate by 50%.
- Integrated mapping and geolocation features for city service discovery and civic issue reporting.

OPEN SOURCE

flutter_offline_background_location — *Flutter Package · pub.dev*

- Developed a Flutter plugin for offline background location tracking on Android
- Supports tracking in background/closed state using foreground service
- Configurable interval, accuracy, and local database storage
- Achieved 150+ pub.dev points, 6+ likes, and 20+ downloads

EDUCATION

Bachelor's Degree In Computer Science & Engineering [*March 2024 – February 2028 (Expected)*]

Shanto-Mariam University of Creative Technology

Key Subjects Studied

- Data Structures and Algorithms
- Object-Oriented Programming (OOP)
- Database Management Systems (DBMS)
- Operating Systems

LANGUAGES

Bangla — Native Proficiency English — Professional Working Proficiency (B2+)

REFERENCES

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