

ALLEN BISWAS

FULL-STACK DEVELOPER • FLUTTER • GO • PYTHON

Dhaka, Bangladesh | Open to Remote & On-site

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PROFESSIONAL PROFILE

Full-Stack Developer with 3+ years of professional experience building cross-platform mobile applications and backend services. Specialized in Flutter/Dart with hands-on backend development using Go, Python, and Node.js. Experienced in REST APIs, PostgreSQL, Firebase, Docker, JWT authentication, real-time synchronization, and production deployment. Comfortable owning features end-to-end from UI and API integration to database and server operations.

CORE TECHNOLOGIES

Mobile Flutter, Dart, Android, Kotlin, Swift

Backend Go (Golang), Python, Node.js, Express.js, REST APIs

Data & Storage PostgreSQL, MySQL, MongoDB, Firebase Firestore, Hive

Engineering Docker, Git, JWT, API Security, Role-Based Access, Push Notifications, Real-Time Sync

Other Geolocation, Deployment Workflows, Server Maintenance & Monitoring, Pandas

PROFESSIONAL EXPERIENCE

App Developer | *Software Lighthouse* | Uttara, Dhaka | Oct 2026 – Present

- Develop and maintain cross-platform mobile applications using **Flutter and Dart**, including Android-specific functionality with **Kotlin**.
- Design, develop, and integrate backend services using **Go and Python**, with **PostgreSQL** for database management.
- Integrate and manage **Firebase** services across application features and workflows.
- Implement **Docker-based deployment workflows** and support server maintenance, monitoring, and application deployment.
- Collaborate on technical solutions, application architecture, performance optimization, and scalable software development.

Senior Developer | *Graphics Cycle* | Nikunjo, Dhaka, Bangladesh | Feb 2026 – Sep 2026

- Develop cross-platform mobile applications with Flutter and Dart, including Android-specific functionality with Kotlin.
- Build and integrate backend services using Go and Python with PostgreSQL database management.
- Integrate and manage Firebase services across application workflows.
- Implement Docker-based deployment workflows and support server maintenance and monitoring.

App Developer | *Software Lighthouse* | Uttara, Dhaka | Apr 2024 – Feb 2026

- Developed and maintained Android, iOS, and progressive web applications using Flutter and Dart.
- Worked across Go, Node.js, Firebase, REST APIs, PostgreSQL, and database optimization.
- Implemented Docker-based containerization and deployment workflows.
- Integrated application services and APIs with a focus on maintainable and scalable development.

Data Analysis | *Intelligent Image Management Limited* | Dhaka | Feb 2022 – Dec 2023

- Processed data for cleansing, transformation, and modeling as part of the data analysis team.
- Prepared and transformed datasets to support useful information and downstream analysis.

EDUCATION

B.Sc. in Computer Science & Engineering — *Notre Dame University Bangladesh* | Dhaka | 2017 – 2021 | GPA 3.25

Gazipur City College — Science | 2016 – 2017 | GPA 3.50

Abdul Mazid Akanda Memorial High School — Science | 2014 – 2015 | GPA 4.33

PROJECTS

Flood Survivor: Escape Puzzle | Flutter • Dart • Flame • Mobile Game Development

- Developed and published a cross-platform puzzle survival game featuring 50+ handcrafted levels, Sokoban-style crate puzzles, rising-flood gameplay mechanics, joystick/touch controls, a 3-heart life system, star-based scoring, and hand-drawn game environments. Published on Google Play.

Sales Representative App | Flutter • Firebase Auth • Firestore • Hive

- Cross-platform sales solution featuring real-time synchronization, order management, customer tracking, geolocation, push notifications, sales analytics, and clean UI/UX.

Home Management App | Flutter • Go • REST API • PostgreSQL • Docker

- End-to-end management platform with JWT authentication, tasks and chores, expenses, family calendar, inventory, document storage, role-based access, and API security.

Garments Management App | Flutter • Node.js/Express • MongoDB • PostgreSQL

- Garments management platform covering order and style management, costing, production planning, buyer communication, file uploads, push notifications, role-based access, and dashboard analytics.

PDF Scanner & Convert Document | Flutter • Kotlin • Swift • Dart • OCR • PDF • Document Scanner

- Cross-platform document scanning and PDF utility app with OCR text extraction, PDF creation and conversion, document editing, digital signatures, QR/barcode scanning, PDF merging, and document organization.

PDF Converter: Scanner & Maker | Flutter • Dart • Kotlin • Swift • Image Processing • File Conversion

- File conversion and document utility app supporting image-to-PDF, PDF-to-image, PDF-to-Word, Word-to-PDF, PDF-to-Excel, PDF compression, document scanning, batch conversion, and file sharing.

PDF Scanner & Scan Documents | Flutter • Dart • Kotlin • Swift • OCR • PDF • Document Scanner

- Document scanning application with automatic edge detection, PDF creation, OCR text extraction, document signing, document editing, and scan-to-PDF/JPG workflows.

Wellness Chat App | Flutter • Go Fiber • WebSocket • PostgreSQL • GORM • JWT Auth

- Real-time messenger app with a Flutter frontend and a Go Fiber WebSocket backend, featuring JWT-authenticated login/registration, persistent message history via PostgreSQL or SQLite, mood check-ins with colored avatar rings, daily wellness reflection prompts, long-press wellness reactions (Support, Calm, Celebrate) with message glow effects, live online-user presence, and join/leave notifications.

LANGUAGES

Bangla • English