Md Meraj Hossain

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Career Objective

Mobile App Developer with 5+ years of experience building cross-platform and native applications. Skilled in Flutter, Android, and backend technologies with a strong focus on performance, scalability, and user experience. Adept at Agile methodologies and passionate about solving complex problems through innovative solutions. Seeking to contribute expertise in mobile development and emerging technologies to deliver impactful products.

Core Skills

- Mobile Development: Flutter (Provider, Riverpod, GetX, Bloc), Native Android (Kotlin), Unity (Game Dev)
- Backend & APIs: Fast API, Node.js, Express.js, REST, gRPC, WebSocket
- Databases: Firebase, MySQL, SQLite, MongoDB, Pocketbase
- AI & ML: TensorFlow, Keras, OpenCV, Pandas, Matplotlib
- Programming Languages: Dart, Python, Java, C, C++, C#, PHP, JavaScript, Kotlin, SQL
- Tools & IDEs: VSCode, Android Studio, XCode, Unity, Postman, GitHub/GitLab/Bitbucket
- Project Management: Agile, Scrum, Kanban | Jira, Slack, Trello, ClickUp
- UI/UX: Adobe XD, Illustrator

Professional Experience

Software Engineer

Trainstop, Australia (Remote, Contract) | Sept 2024 – Jan 2025

- Contributed to the development of Trainstop, a platform connecting athletes with sports clubs for recruitment.
- Integrated secure payment systems, profile management, and real-time notifications.
- Enhanced cross-platform performance and scalability by optimizing Flutter codebase.
- Collaborated remotely with an international team, ensuring on-time delivery of product milestones.

Software Engineer (Flutter Developer)

NerdDevs Ltd., Dhaka | Jun 2023 – Dec 2024

- Designed and developed subscription-based AI apps including AI Mate (GPT chat app) and PixelsCraft (AI image generator).
- Implemented in-app purchases, speech-to-text, history export, and token-based usage system.
- Mentored junior developers and improved code quality via reviews and testing.
- Achieved 10,000+ downloads across iOS & Android within the first year.

Mobile Application Developer

Tecognize Solutions Ltd., Dhaka | Feb 2022 – May 2023

- Built JCI Bangladesh app for event communication and member engagement.
- Developed Shena Vision 16 (community platform with chat, media sharing, and blood bank features).
- Created AugT AR E-commerce app and TT LMS learning management system.
- Enhanced app performance by 30% through optimized API integration and caching.

Android Developer (Native)

Accelerating Intelligence, Dhaka | Mar 2020 – Feb 2021

- Led Android development for Udvabon/Abiskar, a coaching management app with multi-role functionality.
- Supervised a team of 3 developers, improving project delivery efficiency.
- Implemented payment records, notice boards, and interactive student features.

Selected Projects

AI Mate – GPT Chat App (Android)

Subscription-based AI chatbot app with GPT integration, speech-to-text, code generation, and history export.

Check Play Store

PixelsCraft – AI Image Generator (iOS)

AI-powered app for generating and sharing custom images from text prompts.

Check App Store

Trainstop (iOS)

Sports recruitment platform connecting athletes with clubs, featuring profiles, payments, and notifications.

Check App Store

Smiling Tailor – ERP + CRM Web App

Tailoring business management system with ERP & CRM features (inventory, vendors, employees, orders).

[Check Demo](#)

Chad Krishi – Rooftop Gardening App (Android)

Community-driven gardening solution funded by FAO & Wageningen University with live Q&A and expert support.

[Check Play Store](#)

Education

M.Sc. in Computing – Griffith College, Dublin

B.Sc. in Information & Communication Engineering – East West University, Dhaka

Research & Thesis

Machine Learning for Finding Routes in Mobile Ad Hoc Networks (MANET) – Developed adaptive routing algorithms using ML to improve link stability, efficiency, and performance in dynamic MANET environments.

Trainer Experience

Flutter Trainer – Tecognize Training (Sep 2022 – Jan 2023)

Python Trainer – Johnson IT Institute (Mar 2021 – Nov 2021)

Achievements

50% Merit Scholarship, East West University (2019)

Event Coordinator, EWU Telecommunications Club (2020–2022)