

Mahmoud Atef

Full-Stack Mobile and Backend Developer

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[LinkedIn](#) • [Portfolio](#)

1 Professional Summary

Full-stack mobile and backend developer with over 4.5 years of experience building high-performance, cross-platform applications using Flutter and Node.js. Delivered scalable solutions for 10,000+ users, including e-commerce and service-providing apps. Expert in creating secure REST APIs with Express and MongoDB, optimizing performance by up to 40%. Passionate about modern development practices and delivering seamless user experiences.

2 Core Skills

- **Mobile Development:** Flutter, Dart, Firebase (Auth, Firestore, Cloud Functions, Messaging), Dio, Bloc/Cubit, Provider, Riverpod, Material Design 3, Responsive UI, Custom Widgets, GetX, State Management, Offline Storage, Native Plugin Development
- **Backend Development:** Node.js, Express, MongoDB, RESTful APIs, JWT Authentication, RBAC, Rate Limiting, Middleware, Aggregation Pipelines, TypeScript, GraphQL, Socket.IO
- **DevOps & Tools:** Git, GitHub, Postman, VS Code, Figma, Vercel, Render, Linux CLI, Docker, CI/CD Pipelines
- **Soft Skills:** Team Collaboration, Problem-Solving, Time Management, Communication, Adaptability, Client Relationship Management
- **Other:** UI/UX Design, Performance Optimization, API Integration, Agile Methodologies

3 Work Experience

Full-Stack Developer (Freelance)

Aug 2020 – Present

Remote

- Developed cross-platform Flutter apps for Android and iOS, serving 10,000+ users across e-commerce and service-providing platforms.
- Built scalable REST APIs with Node.js, Express, and MongoDB, handling 50+ requests/sec with 99.9% uptime.
- Optimized database queries using MongoDB aggregation pipelines, reducing query time by 40%.
- Implemented secure JWT authentication and role-based access control for admin panels.
- Designed responsive, pixel-perfect UIs with Material Design 3 and integrated Firebase for real-time sync and notifications.

4 Key Projects

Survey Mate

Flutter, Node.js, Firebase

- Developed a full-stack earning app, downloaded by 5,000+ users.
- Integrated Firebase for real-time notifications and rewards tracking, increasing user engagement by 25%.
- Designed secure REST APIs with JWT authentication and MongoDB.
- [Android](#)

Al Huda - Quran App

Flutter, Firebase

- Built a Quran reading app using 604 QCF fonts with smooth navigation and bookmarking.
- Published on Android and iOS, serving thousands of users globally.
- [Android](#) • [iOS](#)

HandyService - Service Provider App (Capstone Project)

Flutter, Node.js, Firebase

- Created a service-providing platform for survey-based earnings and reward tracking as a capstone project.

- Developed a full-stack solution with Flutter for the frontend and Node.js backend with MongoDB.
- Integrated Firebase for real-time data sync and user authentication.

MyCash - Rewards & Earning App

Flutter, Node.js, Firebase

- Developed a full-featured earning app with Google Sign-In and multi-step onboarding.
- Built backend with Node.js and integrated Precision Sample API.
- [Android](#)

5 Education

B.Sc. in Computer Science

Aug 2019 – Aug 2023

Banha University, Egypt

- Capstone project: Developed HandyService, a full-stack service-providing app using Flutter and Node.js.

6 Languages

- Arabic: Native
- English: C1 (Advanced)