GRINE Mohammed

Software Engineer — Full Stack Mobile Developer (Flutter & Django)

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PROFESSIONAL SUMMARY

GRINE Mohammed, final year computer science student at ESI Algiers, specialized in mobile development. I started mobile development three years ago with native Android (Kotlin), and later transitioned to Flutter. I build and deploy backend projects using Django. I have **nearly one year of freelance work experience** building full-featured mobile apps. I have solid experience in mobile development and a strong understanding of mobile UX fundamentals. I'm eager to contribute to impactful and user-friendly mobile applications.

TECHNICAL SKILLS

Technologies: Dart/Flutter – Python/Django
BaaS Platforms: Firebase – Supabase
Tools: GitHub – Docker – Figma

Flutter State Management: GetX – Provider – Riverpod
Deployment/Hosting: Google Cloud Run – Vercel
Other Skills: Mobile UI/UX Design – Flutter Web

PROFESSIONAL EXPERIENCE

- **Full Stack Mobile Developer Freelancer**
  (December 2024 – Present)
  - **CoursDz E-Learning System**: Developed a complete e-learning system for CoursDz school, consisting of 3 Flutter apps: student, admin, and supervisor interfaces. Backend built with Django and hosted on DzSecurity
  - **E-commerce Platform Comparison**: Set up and tested multiple Flutter-based e-commerce apps to identify the most suitable solution for the client.
  - **Ain Mlila Gros Shop App Setup**: Deployed and reconfigured a purchased Flutter e-commerce app for both admin and customer use, rebranded it, and integrated Firebase for authentication and database, and Supabase for storage.
  - **Training Management App**: Developed a mobile app to manage training sessions, including scheduling, participant tracking, and course details.

- **Flutter Developer at Projilic**
  (Summer 2022 – 3 Months)
  - **Introductory Flutter Experience**: Worked on developing a multi-platform Flutter app during a 3-month at Projilic startup, it was my first work experience that helps me to learn more about Flutter in real use cases.

- **Backend Developer Intern at Maystro Delivery**
  (July 2024 – Nov 2024)
  - **AI-powered Agent Assignment Platform**: Developed a Django-based web application using AI clustering to assign delivery orders to confirmation agents and monitor performance.

PERSONAL PROJECTS

- **Nroho**: Mobile app developed in Flutter to facilitate carpooling by connecting drivers and passengers for shared trips.
- **Yalla Bina**: Flutter mobile app to coordinate group travel: users can create travel groups, invite friends, and track everyone's location in real time using Google Maps and real-time database.
- **Oil Survey Reporting System**: Developed during my 2CS year, it was a project requested by Sonatrach company. A web application with Django backend for managing and tracking daily oil survey activities, including costs, deadlines, and performance, with automated report generation.

EDUCATION

- **Higher National School of Computer Science (ESI Algiers)**   Algiers, Algeria
  State Engineer in Computer Science (Final Year)   *2021 – Present*