

Grid Moundhir

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Professional Summary

Versatile software developer and data science enthusiast with a strong background in full-stack web, cross-platform mobile, desktop applications, and data-driven solutions. Passionate about building impactful, user-centered software and analytical models with clean code and modern technologies. Proven ability to lead and deliver projects from concept to deployment — including AI-powered tools, data preprocessing and modeling, educational games, e-commerce, and business solutions. Open to freelance and remote opportunities.

Technical Skills

- **Languages:** Dart • JavaScript/TypeScript • Python • C# • SQL
 - **Mobile:** Flutter • React Native
 - **Web:** React • Next.js • Tailwind CSS • Node.js • Express.js
 - **Data Science & ML:** Pandas • NumPy • scikit-learn • TensorFlow/Keras • Data preprocessing • Neural Networks
 - Accuracy optimization
 - **Data Mining & Text Mining:** TF-IDF • Search algorithms • Clustering • Association Rules
 - **Desktop:** WinForms (C#) • .NET
 - **AI/ML:** LangChain • Ollama • Local LLMs (Mistral)
 - **Databases:** MongoDB • Firestore • Supabase • Postgresql
 - **Tools:** Git • GitHub • Postman • Figma • VS Code • Android Studio
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Projects

◦ Matchy

Tech: Flutter • Animation • Game Design

Educational memory game designed to improve focus and pattern-recognition skills. Features progressive difficulty levels, playful animations, and a clean UI tailored for children.

◦ My AI

Tech: React • Node.js • Express • LangChain • Ollama • MongoDB

Built a secure, responsive full-stack AI chat platform using a locally hosted language model. Integrated JWT-based authentication, real-time chat with persistent history, and LangChain for prompt orchestration. Frontend styled with Tailwind CSS.

◦ Andaloucia

Tech: C# • WinForms • SQLite

Custom-built business management system for a family library and supply store. Supports client tracking, inventory management, and purchase records via a modern WinForms UI. Designed for day-to-day operational efficiency.

◦ Hope

Tech: Flutter • Firebase

Developed a real-time location-based app connecting blood donors and recipients. Features secure authentication, and an intuitive UI to streamline emergency blood donations.

◦ E-Commerce Mobile Application

Tech: Flutter • Firebase • Firestore • GetX

Recreated a YouTube-inspired e-commerce design with full backend integration. Users can browse products, manage carts, and authenticate. Implements Firestore syncing, dynamic product variations, and smooth UI animations.

Experience

- **Freelance Developer (Self-Employed)**

Remote | 2023 – Present

- Delivered customized software solutions for clients and personal businesses.
 - Specialized in full-stack architecture, mobile UI/UX design, and scalable backend integration.
 - Currently open for freelance, startup collaborations, or full-time roles.
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Education

- Master's in Fundamentals and Engineering of Information and Image

Université of Ferhat Abbas, Sétif, Algeria

2023 – 2025

- Bachelor's in Computer Systems

Université of Ferhat Abbas, Sétif, Algeria

2020 – 2023

Languages

- Arabic (Native)
- English (Professional)
- French (Intermediate)