Ahmed Mohammed Amer
Software Developer
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LinkedIn | GitHub | Portfolio
Location: Cairo, Egypt

Objective

Seeking a challenging Full-Stack Developer role in a dynamic organization where my extensive experience in crafting scalable web applications and proficiency in modern technologies such as React, Node.js, and MongoDB can contribute to delivering innovative software solutions.

Relevant Skills

- **Languages:** JavaScript, TypeScript, Python
- **Frontend:** React, Redux/Toolkit, Jotai, Tailwind, MUI, DataGrid
- **Backend:** Node.js, Express.js, Python, Django, FastAPI
- **Databases:** MongoDB, Supabase
- **Tools & Technologies:** Git, Google Cloud Run, Azure, Vite, Prettier, ESLint
- **Other:** MERN Stack, Firebase, Atlas Search, React Query/Tan-Stack Query

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Experience

MoVision
Frontend Developer (Germany Remote – Part time)
April 2024 – Present

- Designed and implemented a user-friendly Drag-and-Drop Email Builder component using native APIs.
- Created customizable style options for each component, enhancing user control over design.
- Developed editable text fields for various email elements (headers, paragraphs, buttons).
- Successfully migrated codebase to Vite, achieving a 50% reduction in build times.
- Introduced Prettier and ESLint for improved code cleanliness, maintainability, and consistency.
- Consistently delivered 95% of tasks ahead of schedule through effective prioritization and workload management.

FPL Champ
Full-Stack Engineer (Cairo Remote)
January 2024 – Present

- Implemented a comprehensive website featuring 100+ components and 50+ API endpoints.
- Built a responsive and user-friendly interface leveraging MUI, DataGrid, and Emotion CSS.
- Optimized data loading times by 30% using React Query/Tan-Stack Query for efficient data fetching, caching, and validation.

- Implemented state management with Jotai and URL-based persistence, resulting in a 25% reduction in rerenders and improved application performance.
- Developed secure user access and management functionalities using Supabase authentication.
- Managed MongoDB databases (Dev & Production) and utilized Atlas Search for efficient handling of complex queries, achieving a 3.5x improvement in search efficiency.
- Deployed applications on Google Cloud Run for scalable, high-performance solutions.

TUV Austria
Junior Full-Stack Engineer (Cairo On-Site)
June 2023 – March 2024

- Developed a robust and scalable frontend website used by 1000+ customers using React and Tailwind.
- Designed a validation system to verify certificate authenticity.
- Successfully migrated a complex website from WordPress to Next.js, leading to significant improvements in performance and SEO.
- Created a robust API using Python (Django) to support various frontend functionalities.
- Optimized SQL database schema for efficient data storage and retrieval.

Education

Ain Shams University
Bachelor's Degree in Engineering
Graduation: 2024

- **Graduation Project (Grade: A+): Auto Attendance System**
  - Implemented facial recognition with OpenFace for automatic student attendance.
  - Created a React application with tracking and user-friendly dashboards.
  - Developed a FastAPI server with JWT-based authorization.
  - Deployed React frontend on Vercel and used Azure VM with Nginx for backend.

Additional Skills

- **Languages:** English (Fluent), Arabic (Native)
- **Proficient in:** JavaScript, HTML, CSS, Python
- **Frameworks:** React, Express, FastAPI, Next.js
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Styling Tools:** Tailwind, Material UI, CSS Modules, SCSS
- **SAAS Tools:** SupabaseAuth, Firebase
- **Version Control:** Git
- **ORMs:** Mongoose, SQLAlchemy
- **API Development:** Strong expertise in web API development
- **Unix/Linux:** Experienced
- **OOP & Functional Programming:** Skilled
- **Documentation:** Excellent documentation skills