Ahmed Mohammed Amer

Frontend Developer

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Objective

Innovative Frontend Developer with extensive experience in React.js and modern web technologies, seeking to leverage my skills in a dynamic role at IBM. Adept at translating system requirements into responsive and scalable web applications, and eager to contribute to IBM's global impact through cutting-edge development and agile methodologies.

Professional Experience

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

- Led the front-end development of a user-friendly Drag-and-Drop Email Builder using React, enhancing user experience with customizable styles and editable text fields.
- Migrated the codebase to Vite, achieving a 50% reduction in build times and introduced Prettier and ESLint for improved code quality.
- Delivered 95% of tasks ahead of schedule through effective workload management.

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

- Developed a responsive website with over 100 components and 50+ API endpoints, optimizing data loading times by 30% using React Query/Tan-Stack Query.
- Implemented state management with Jotai, resulting in a 25% reduction in rerenders and improved performance.
- Managed MongoDB databases and utilized Atlas Search, improving search efficiency by 3.5x.

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

- Created a scalable frontend website for 1000+ customers using React and Tailwind, and successfully migrated a complex site from WordPress to Next.js.
- Developed a Python-based API using Django, and optimized SQL database schema for performance.
- Participated in Agile processes, contributing to sprint planning and stand-ups.

Education

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

- **Graduation Project (Grade: A+):** Auto Attendance System
  - Implemented facial recognition with OpenFace and developed a React application with tracking and user-friendly dashboards.
  - Created a FastAPI server with JWT-based authorization and deployed the React frontend on Vercel.

Relevant Skills

- **Languages & Frameworks:** JavaScript (ES6+), TypeScript, React, Angular, Python, Go
- **Frontend Development:** React, Redux/Toolkit, Jotai, Tailwind, MUI, DataGrid
- **State Management:** Experience with state management solutions in React (Redux, Jotai)
- **API Integration:** Proficient in integrating RESTful APIs into web applications
- **Performance Optimization:** Techniques for optimizing web performance and ensuring cross-browser compatibility
- **Agile Practices:** Experience with Agile processes including sprint planning and stand-ups
- **Communication & Collaboration:** Strong problem-solving skills and ability to work both independently and within a team

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Additional Skills

- **Languages:** English (Fluent), Arabic (Native)
- **Styling Tools:** Tailwind, Material UI, CSS Modules, SCSS
- **SAAS Tools:** SupabaseAuth, Firebase
- **Version Control:** Git
- **ORMS:** Mongoose, SQLAlchemy
- **Documentation:** Excellent documentation skills