

# Ahmed Mohammed Amer

*Software developer with 2+ yrs exp in Fullstack development*

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## 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

React Redux/Toolkit Jotai Tailwind MUI DataGrid JavaScript  
TypeScript Node JS Express JS Python MERN Stack PostgreSQL  
MongoDB Supabase Firebase Git

## Experience

### MoVision

#### Junior FullStack Engineer

Germany (Remote)  
April 2024 - Current

- Designed and implemented a Drag and Drop Email Builder component using native APIs.
- Created customizable style forms for each component to enhance user customization.
- Developed editable text fields for email headers, paragraphs, buttons, etc.
- Successfully migrated code base to Vite reducing build time by 50%
- Introduces Prettier and ESLint rules for code cleanliness and organization
- Efficient in using Slack for team communication, Zoom for real-time collaboration and ClickUp for task management and project tracking
- Completed 95% of tasks ahead of schedule by effectively prioritizing and managing workload without direct supervision

### FPL Champ

#### Junior FullStack Engineer

Cairo (Remote)  
Jan 2024 - Current

- Implemented a comprehensive website featuring 100+ components and 50+ API endpoints, developed to meet requirements.
- Utilized MUI and DataGrid with Emotion CSS for frontend development, ensuring responsive and user-friendly interfaces.
- Utilized React Query/Tan-Stack Query for data fetch, caching and data validation, leading to a 30% decrease in data loading times.
- Implemented state management using Jotai along with URL-based state persistence, resulting in a 25% reduction in rerenders and improved application performance.
- Developed authentication functionality using Supabase, ensuring secure user access and management.
- Managed MongoDB databases for development and production environments, ensuring efficient data handling.
- Utilized Atlas search to handle complex search queries across a dataset exceeding 13 million documents, improving search efficiency by 3.5 times
- Deployed both frontend and backend applications on Google Cloud Run to deliver scalable, high-performance, and cost-effective solutions.
- Leveraged Notion for effective task management, project planning, and comprehensive documentation.
- Utilized Google Meet for real-time communication and synchronous collaboration, ensuring efficient knowledge sharing and decision-making.

### TUV Austria

#### Junior FullStack Engineer

Sheikh Zayed  
June 2023 - March 2024

- Developed a frontend website used by 1000+ customers, leveraging React and Tailwind for a robust and scalable solution.
- Designed and implemented a user-friendly validation system to verify certificate authenticity.
- Ensured code quality and maintainability through comprehensive documentation, including inline comments, docblocks, and README files.
- Successfully migrated a complex website from WordPress to Next.js, improving performance and SEO.
- Designed and implemented a robust API using Python, Django to support frontend functionalities.
- Architected and optimized a SQL database schema for efficient data storage and retrieval.

## Education

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Ain Shams University  
Bachelor Degree in Engineering

Cairo  
2023

### Graduation Project (Grade: A+)

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#### Auto Attendance System

[Live link](#)

- Implemented facial recognition using OpenFace for automatic student attendance.
- Created a React application with attendance tracking and user-friendly dashboards.
- Developed a FastAPI server with JWT-based authorization for user management and requests.
- Deployed React frontend on vercel.com and utilized Azure VM with Nginx for backend management.
- Designed a PostgreSQL database for storing student and course data, ensuring data integrity.

## Projects

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#### Careem Landing Page Clone

[Live Link](#)

I have created a clone of the Careem landing page. The landing page was responsive and mobile-friendly, and was built using the latest front-end technologies. I was able to create a landing page that was visually appealing and easy to use.

#### World Wide Recipe

[Live Link](#)

This website allows users to search for and view food recipes from a variety of sources. The website uses an API to access the recipes, which means that the recipes are always up-to-date. Users can filter the recipes by cuisine, ingredient, or dietary restriction.

#### Gradgen

[Live Link](#)

A web app that allows the user to enter the number of colors that they want and the angle of rotation the they the image to be then generate a random gradient with the given and allow the users to download the linear gradient as an image

#### Student Inc Landing Page

[Live Link](#)

I have successfully developed a landing page with an eye-catching design and user-friendly features for our Student Inc project. The landing page aims to promote our project and encourage visitors to learn more about what we do.

#### Covid-19 (Virus) Simulator

This project aims to simulate virus spread among a group of people in different zones. The zones limit the spread of the virus because of lower number of sick in each zone

#### News Summary App

News app that uses Next JS to utilize server side rendering that includes fetch the date and rendering the html page then pushing it to the client

## Leadership

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#### Student Representative

- Student Representative for 80 students where I help facilitate the communication between the teaching staff and the students and helped organize for multiple events

#### ASU Racing Team

- Media Team member with 100% project completion rate
- Render and design formula-1 Car and Design Banner, roll-up and Social media posts

## Fullstack Skills

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- Proficient Languages (JavaScript, HTML, CSS, Python)
- Proficient Frameworks (React, Express, FastAPI, Next JS)
- Working Knowledge of databases (MongoDb, MySQL, postgresQL)
- Proficient in styling tools such as Tailwind, Material UI, CSS Modules, and SCSS.
- Working knowledge with SAAS tools (SupabaseAuth, Firebase)
- Proficient in GIT version control (GIT)
- Experienced with ORMs (Mongoose, SQLAlchemy)
- Powerful skills in API development, specifically for web use
- Experienced in Unix/Linux environment
- Proficient in GIT version control (GIT)
- OOP and Functional Programming
- Great Documentation Skills
- Strong communication expertise and interpersonal skills
- Capable of managing projects and delivering results independently in a remote environment
- Effective in working with cross-functional teams remotely