Ahmed Mahmoud

Software Engineer

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SUMMARY

Passionate Full-Stack Software Engineer skilled in building dynamic and scalable web applications using React and Django. Experienced in delivering complete solutions from concept to deployment, with a strong focus on clean code, performance, and user experience.

EXPERIENCE

Weddify   04/2025 – 06/2025
Freelance (Full-stack Developer)
Company Overview: Freelance Wedding Services Marketplace

- Developed a comprehensive multi-vendor marketplace connecting couples with wedding service providers (similar to Loverly).
- Engineered a robust backend using **Django** and **PostgreSQL** to manage complex database schemas for dual user roles (Clients & Vendors), service listings, and booking transactions.
- Built a responsive and dynamic single-page application (SPA) using **React.js**, creating an intuitive interface for users to browse services, filter results, and manage reservations.
- Implemented secure authentication and RESTful APIs to facilitate seamless data flow between the client and server.

EDUCATION AND TRAINING

Information Technology Institute (iti)   07/2024 – 12/2025
Python FullStack Developer   Zagazig
Frontend: React, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Tailwind
Backend: Python, Django, Django REST Framework (DRF), Flask (basic)
Database: PostgreSQL, SQLite
DevOps & Deployment: Docker, Jenkins, Nginx, VPS Management, Hostinger, Domain Configuration, Azure Web Apps, GitHub Actions
Version Control & Collaboration: Git, GitHub, Agile/Scrum
Other Tools: REST APIs, Authentication Systems, Feedback Systems
Soft Skills: Problem-Solving, Consistency, Discipline, Team Collaboration, Continuous Learning

Zagazig   07/2024
Bachelor's Degree   Egypt
Computer Science

SKILLS

- Python
- JavaScript
- MYSQL
- Nginx
- n8n Automation

- Django
- React js
- PostgreSQL
- Jenkins

- Flask
- Tailwind
- Docker
- Generative AI

LANGUAGES

Arabic
Native

English
Very good

PROJECTS

AI-Powered Corporate Knowledge Base
Architected an intelligent document management system that leverages Generative AI to summarize and retrieve internal company policies.
Created a seamless frontend interface with React and Tailwind CSS, featuring a smart search bar powered by OpenAI API.
Implemented a RAG (Retrieval-Augmented Generation) system using Django and vector search to provide accurate answers from uploaded PDFs.
Designed a secure role-based access system to protect sensitive corporate data, achieving zero security incidents.
Tech Stack: React, Django, OpenAI API, PostgreSQL, GitHub.

SaaS CRM & Invoicing Platform
Developed a scalable Customer Relationship Management (CRM) SaaS product designed for small businesses to manage leads and automate invoicing.
Built a dynamic user interface with React allowing users to drag-and-drop leads through sales pipelines.
Engineered a secure API with Django to handle multi-tenant database architecture using PostgreSQL, isolating data for 200+ distinct business accounts.
Automated the invoicing process using n8n, generating and emailing PDF invoices instantly upon deal closure.
Optimized database queries and indexed SQL tables, resulting in a 40% faster load time for reporting dashboards.
Tech Stack: React, Redux, Django, PostgreSQL, n8n, Docker.