MUSTAFA MUHAMMED ABDULLAH

Full Stack Python Developer

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portfolio-nine-swart-92.vercel.app

Summary

Full Stack Python Developer with a strong foundation in full-stack web development using Django, Flask, and React.js. Skilled in Bash scripting, PostgreSQL, and RESTful API integration. Proven ability to optimize workflows with automation and apply agile methodologies to deliver scalable, secure, and user-centric solutions.

Work Experience

Opream & Expotech   **2024 – Present**
Full Stack Python Developer   *Remote*

- Contributed to backend development with Django REST Framework, implementing secure role-based APIs.
- Developed interactive frontend modules using React.js and TailwindCSS with focus on responsive design.
- Built and maintained scalable backend services with Django and PostgreSQL.
- Integrated third-party APIs and optimized database queries for performance.

Technical Skills

Languages: Python, JavaScript, Bash, HTML5, CSS3

Frameworks Libraries: Django, Django REST Framework, Flask, React.js, Next.js, Redux

Databases: PostgreSQL, MySQL, SQLite

Tools Platforms: Git, GitHub, Docker (basic), Linux, VS Code, Postman, JWT

UI/UX: Tailwind CSS, Bootstrap, shadcn/ui, Material-UI, Jinja2

Methodologies: Agile, Scrum, RESTful API Design

Projects

Mentora – E-Learning Platform (In Development)

- Built a responsive multi-role platform (Student, Teacher, Parent, Admin) with advanced role-based access and JWT/OTP authentication.
- Developed interactive UI with React.js, Vite, TailwindCSS, ensuring seamless user experience across devices.
- Implemented course management, scheduling system, and interactive (H5P, HTML5) content integration.
- Contributed to backend with Django REST Framework, including API integration and role-based authorization.
- Enhanced performance with code splitting, delivering a scalable and secure platform.

Dynamic Clinic Management System (Dr. Ahmed El Kholy Clinic - In Development)   *Private Repository*

- Developing a full-stack clinic management application using Django REST Framework (Python) for the backend and Next.js (React) for the frontend.
- Implementing secure user authentication and authorization using Simple JWT for distinct roles (doctor, patient, admin).
- Core features include: appointment scheduling, patient record management, prescription generation, and a dynamic dashboard for clinic insights.
- Utilizing Tailwind CSS and shadcn/ui for a responsive and modern user interface.

AresModz - Premium Gaming Mods E-commerce Platform (Frontend - In Development)   *Private Repository*

- Building the frontend for an e-commerce platform specializing in premium gaming modifications, using React, Vite, and Next.js (App Router).
- Designing and implementing a user-friendly interface for product browsing, detailed views, user accounts, and a shopping cart.
- Leveraging Tailwind CSS and shadcn/ui for a visually appealing and responsive design across devices.

- Focusing on performance optimization and seamless user experience for gamers.

Freelancing Platform (PenPro - ITI Project)   FrontEnd Demo — BackEnd Source

  - Contributed to a full-stack platform connecting freelancers with clients, developed as a team project at ITI.
  - Backend: Django REST Framework, PostgreSQL, implementing RESTful APIs for user management, project postings, proposals, and payments.
  - Frontend: React.js with Redux for state management, and Bootstrap for styling, enabling features like user dashboards and real-time notifications.
  - Actively participated in agile development, including sprint planning and code reviews.

Shoghl-Fnadek (Hotel Job Portal - ITI Project)   FrontEnd — BackEnd

  - Developed a full-stack job portal specifically for the hotel industry, facilitating connections between employers and job seekers.
  - Backend: Python, Django, and Django REST Framework to create APIs for job listings, applications, company profiles, and candidate profiles.
  - Frontend: React.js with Redux for managing application state and Tailwind CSS for responsive UI design.
  - Integrated search and filtering capabilities for jobs based on location, type, and keywords.

Internships

Information Technology Institute (ITI)   **Jan. 2024 – Jun. 2024**

Full Stack Python Development Track   *BeniSueif, Egypt*

  - Developed and deployed full-stack web applications using Django and Flask, emphasizing security best practices (e.g., input validation, ORM protection against SQL injection, CSRF protection).
  - Engineered responsive and interactive front-end components using React.js and Redux for state management, contributing to a 30% improvement in user engagement metrics on project prototypes.
  - Collaborated effectively in agile teams, utilizing Git for version control and participating in daily stand-ups and sprint planning to deliver complex project requirements under tight deadlines.
  - Implemented automation scripts using Bash for deployment tasks and JavaScript for front-end build processes, optimizing development workflows.
  - Designed and consumed RESTful APIs, ensuring efficient data exchange between frontend and backend systems.

Education

Faculty of Islamic and Arabic Studies, Al-Azhar University   **Sep. 2023**

Bachelor's Degree in Islamic and Arabic Studies   *Sharqia, Egypt*

Languages

Arabic: Native proficiency

English: Professional working proficiency (Spoken and Written)