AbdElrhman Mohamed Shata

Software Developer

🔗 Portfolio   ✉ abdelrhmanmohamedshata@gmail.com   📞 0120 720 2456   in Linkedin   ○ Github

🛡 Military Service : Completed

Profile

A versatile software developer who is passionate about building reliable and easy-to-use solutions. I have a solid background in both front-end and back-end development, and I have a strong desire to learn and use new technologies. Demonstrated capacity for adaptation and success in hectic settings; dedicated to providing excellent solutions and fostering teamwork to spur innovation.

Experience

11/2024 – present	**Full-Stack Web Developer** *Intlaq* 🔗
09/2024 – 11/2024	**Backend Developer (Internship)** *SmartSync* 🔗 • Developed secure, scalable backends using Django, with comprehensive API documentation and third-party integrations.
2021 – present	**Freelance Software Developer** • Freelance software developer focused on mobile (Android) development, delivering high-quality solutions independently.

Education

11/2023 – 03/2024 Cairo, Egypt	**Diploma In Full Stack Using Python** *Information Technology Institute* Full-stack developer proficient in Python, with the proven ability to develop and deploy scalable web applications. Strong problem-solving and collaborative skills.
09/2017 – 07/2021 Zagazig, Egypt	**Bachelor's Degree, Faculty of Computer and information** *Zagazig University* • Major: Computer Science • Grade: Very good with Honor • Graduation Project Grade: Excellent • Achievement: First place among all graduation projects

Technical Skills

Programming Languages
- C++ / Java / Python / JavaScript
- HTML 5 / CSS3 / jQuery / Bootstrap

DataBase
- SQL (Postgres, MySQL)
- NoSQL (MongoDB, Firebase)

Technical Skills

Front End
- React JS
- Mobile Developer (Android—React Native)

Back End
- Django, Flask, Odoo
- Node JS

Technologies
- Git Version Control
- Docker
- System Administration I
- Bash shell scripting
- Architecture Patterns (MVC, MVT)

ACQUIRED SKILLS

Interpersonal

- Communication   - Hard Worker
- Presentation   - Active listening
- Problem-Solving   - Fast Learner

Languages

Arabic — Native/Bilingual   **English** — Conversational

Web Projects

Employment Platform 🔗
- The platform connects software developers with employers, enabling developers to create profiles, search, and apply for jobs, while employers can post jobs and manage applications.
- Key Technologies: Django, Html, CSS, Bootstrap

Natours API 🔗
- Developed a travel management API using Node.js and Express, featuring secure JWT authentication and CRUD operations for tour packages.
- Technologies: Node.js, Express, MongoDB, JWT, Postman

Farm Management System 🔗
- Built a comprehensive farm management API using Django REST Framework, incorporating JWT authentication for secure access and detailed management of farms, crops, and animals.
- Key Technologies: Django REST, JWT, Postman

OM Hospital Odoo 🔗
- Customized and developed modules for Odoo ERP tailored to hospital management, enhancing patient care and operational efficiency.
- Key Technologies: Odoo, Python, XML, PostgreSQL

Managing Courses APIs 🔗
- Developed a backend system with features for managing courses, user profiles, and file uploads. Implemented JWT authentication for secure access and integrated MongoDB for data storage.
- Key Technologies: Node.js, Express.js, MongoDB, JWT, Postman

EduNexus E-learning 🔗
- Developed an innovative e-learning website designed to connect teachers and students. Built with React.js for the frontend, Django for the backend, and PostgreSQL for the database, EduNexus provides a seamless learning experience with features tailored to educational needs.
- Key Technologies: React.js, Django, PostgreSQL

Crowd Funding 🔗
- Developed a Django crowdfunding application to manage project funding and user contributions. Features include project creation, funding management, and secure user authentication.
- Key Technologies: Django, PostgreSQL, HTML, CSS, BootStrap

Database Engine 🔗
- Developed a set of Bash shell scripts for managing and automating database operations. The project showcases the use of scripting to streamline database tasks and enhance system administration efficiency.
- Key Technologies: Bash Shell Scripting

E-Commerce 🔗
- Developed a dynamic web application using React.js, leveraging components, React Hooks, and routing for an interactive user experience. Integrated Redux Toolkit and Context for state management and handled HTTP requests for data interaction.
- Key Technologies: React.js, Redux, Axios, Components, Hooks, Routing

Mobile Projects

Personal Habit Tracker App 🔗
A user-friendly Android app to set, track, and manage daily habits, featuring habit history, reminders, and data persistence with Firebase.
Technology Stack: Android (Java), Firebase

Garage Booking Application 🔗
- Developed an Android app to simplify finding and booking parking spaces. Integrated Firebase for real-time data sync and secure user authentication, providing a seamless user experience in busy areas.
- Technology Stack: Android (Java), Firebase

BMSS App 🔗
- An Android application designed to help users manage their finances effectively by setting savings goals, creating budgets, and tracking expenses.BMSS empowers users to take control of their financial health and work towards their savings objectives.
- Technology Stack: Android (Java), Firebase

Archery Simulator
- A mobile app for training soldiers in aiming techniques and avoiding shooting mistakes, featuring realistic archery simulations and practice modes.
- Technology Stack: Android, OpenCV

Daily Pills App 🔗
- An Android app that alerts the elderly about medication schedules with timely reminders and tracking. It features a user-friendly interface for managing medication appointments and adherence.
- Technology Stack: Android (Java), Firebase

Tawriq App 🔗
- A mobile application for displaying and managing a collection of books, featuring a user-friendly interface for browsing and accessing book details.
- Technology Stack: Android, Firebase

Saudi Expert 🔗
- An Android app designed to facilitate booking tourist trips and experiences in Saudi Arabia. It provides a seamless platform for discovering, planning, and booking exciting activities across the country.
- Technology Stack: Android (Java), Firebase

Plant Disease Detection App 🔗
- An innovative Android application that helps farmers and gardeners identify plant diseases quickly and accurately. It utilizes machine learning with TensorFlow Lite for on-device inference and Firebase for cloud storage and authentication.
- Technology Stack: Android (Java), TensorFlow Lite, Firebase

Hand Rehabilitation App (My Graduation Project) 🔗
- A mobile application for hand diagnosis using computer vision and machine learning. It assists doctors in analyzing hand poses and calculating angles between fingers for accurate diagnostic insights.
- Technology Stack: Android, Machine Learning, Firebase