AbdEl-Rahman Sabry Saber

Software Engineer

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LinkedIn GitHub Kaggle Portfolio

PROFILE

Software Engineer — Web Developer
Developer skilled in Python, JavaScript, Django, React and NextJS, specializing in building scalable and secure web applications with a strong focus on RESTful APIs, clean architecture, and efficient back-end integration. Passionate about back-end development, API design, Improving front-end functionality and user experience.

EDUCATION

Bachelor's degree in computers and Ai 2019 – 2023
Sohag University Sohag, Egypt
BSc in Computer Science, Sohag University – GPA: 3.3 | Project Grade: A
Focus on software, web development & AI

EXPERIENCE

Software Engineer @ WE DATA 09/2025 – Present
Telecom Egypt Cairo, Smart Village
Work as a Web Developer on internal tools for the company, mainly using React and Django. I also collaborate with the Network and Administration teams to publish it.

Full Stack Python Instructor @ AMIT 05/2025 – 09/2025
Delivered hands-on training in full-stack Python development, covering Django, REST APIs, front-end basics, and deployment best practices. Cairo, El Maadi

Team Leader & Instructor, Samsung Innovation Campus project 08/2022 – 03/2023
Managing a team of Instructors and Facilitators consisting of 20 people's Cairo, Nasser City
Support with instructing skills for the topics (Python, C, Problem Solving)

INTERNSHIPS & COURSES

ITI Track Full Stack Using Python - ITI 12/2024 – 06/2025
Gaining expertise in: Back-End: Python, Django, DRF, Flask, PostgreSQL, Linux, Bash, Git, GitHub, Docker. Front-End: React, Next.js, JavaScript, HTML5, CSS.

Artificial Intelligence courses 07/2021 – 03/2022
Samsung Innovation Campus
Related Coursework: Math, python, Data visualization, Data Analyses, Machine learning, Deep Learning, My Grad Project: covid-19 detection using deep learning

Coding & Programming 12/2019 – 03/2020
Samsung Innovation Campus
Related Coursework: (Coding, Problem Solving, Python, C, DS/Algorithms
My Graduation Project: smart home with IOT.

TECHNICAL SKILLS

Back-end Technologies
Python ,Django, DRF, Flask ,FastAPI, SQL, PostgreSQL, Docker, Restful API, Git, GitHub , AI Integration.

Front-end Technologies
React ,NextJS ,JavaScript, HTML, CSS ,Bootstrap, Tailwind ,Radix Ui ,Shadcn.

SOFT SKILLS & LANGUAGES

Skills
Problem solving, Team Collaboration, Communication, Time Management, Adaptability

Languages
Arabic (Native), English (Advanced - Improving Continuously)

PROJECTS

Enterprise E-Commerce Backend Template
Freelance Project @ Clicks-Digitals company
- Designed and developed a production-ready e-commerce backend platform using Django, DRF, and Celery.I
- mplemented product catalog management, shopping cart, wishlist, order processing, and promotional systems.
- Built loyalty programs, logistics integrations, customer inquiries, blogs, and content management features.
- Developed advanced filtering, reusable modules, and scalable architecture for multiple e-commerce brands.
- Automated workflows, notifications, and background processing using Celery-powered task management systems.
- Delivered high-performance APIs supporting reliable, scalable, and efficient business operations at scale.

Minders – Educational Discovery Platform
Freelance Project @ Clicks-Digitals company
- Developed a community-driven education platform using Django, DRF, and Next.js for families and providers.
- Implemented scalable APIs, advanced search, and partner management to enhance user engagement.
- Automated notifications,, and platform operations using Celery-powered background task processing.
- Delivered a seamless experience connecting parents with educational institutions, specialists, and learning opportunities.

Shabaka Sponsorship Platform
Freelance Project @ Clicks-Digitals company
- Developed a scalable platform with Django, DRF, and Next.js that streamlines sponsor discovery, partnership management, and project promotion through a modern user experience.
- Implemented asynchronous workflows using Celery for notifications, application processing, and automated engagement, helping organizations build meaningful sponsorship opportunities.
- Built secure and scalable RESTful APIs with role-based access control, enabling efficient collaboration between sponsors, partners, and platform administrators.

ERB Payroll Management System
Freelance Project
- Built a ERP Payroll Management System for a sweets factory enabling employees to track monthly salaries and generate reports.
- Developed HR tools for managing salaries, editing records, sending notifications, and creating reports.
- Implemented an admin dashboard with full control over users, salaries, loans, and system settings.
- Provided RESTful APIs for a Flutter mobile application used by employees.
- Technologies Used: Django, Django REST Framework, PostgreSQL/MySQL, HTML, CSS, Bootstrap, Git, GitHub.

Multi-Vendor E-Commerce Platform
ITI Project
- Developed a full-featured multi-vendor e-commerce platform supporting vendor management, product listings, orders, payments, and user operations.
- Implemented vendor dashboards to manage products, inventory, pricing, media, and order status.
- Built user features including authentication, cart management, checkout, and secure payments.
- Developed core modules for products, categories, media handling, and system configurations using a scalable architecture.
- Designed an admin panel to manage vendors, users, products, orders, and platform settings.
- Technologies Used: Django, Django REST Framework, PostgreSQL/MySQL, HTML, CSS, Bootstrap, Git, GitHub.

College ERP System & Face Recognition
Graduation Project
- Developed a comprehensive College ERP system integrating student, staff, and course management to streamline academic operations.
- Implemented face recognition-based attendance using OpenCV, enhancing security and reducing manual input.
- Features include user authentication, student profiles, timetable management, attendance tracking, and administrative dashboards.
- Employed modular design and clean architecture principles for maintainability and scalability.
- Technologies Used: Django, PostgreSQL, OpenCV, Python, HTML, CSS, Bootstrap, Git, GitHub.