

Habiba Mohamed Abdalrahman

Software Engineer | Full-Stack & AI Specialist

 Giza, Egypt |  +20 115 143 8765

 habiba5143m@gmail.com |  linkedin.com/in/habiba-mohamed-88901328a

Summary

Innovative and results-driven **Software Engineer** with **4+ years of experience** designing and building scalable, intelligent web applications. Proven expertise in bridging the gap between **Full-Stack Development** (Node.js, React, Django) and **Modern AI Frameworks** to deliver high-performance solutions. Adept at database optimization, API development, and data visualization. Committed to leveraging deep technical knowledge in AI and software architecture to solve complex business problems in dynamic environments.

Technical Skills

- **AI & Data Science:** Python, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Power BI, MATLAB.
- **Back-End & Cloud:** Node.js, Django, .NET, RESTful APIs, AWS, Docker, Microservices Architecture.
- **Front-End:** React.js, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS.
- **Databases:** PostgreSQL, MongoDB, MySQL (Design, Optimization & Management).
- **Tools & DevOps:** Git, GitHub, Postman, Visual Studio Code, Agile/Scrum Methodologies.

Experience

Upwork / Khamsat

Freelance Full-Stack Developer

Remote

2020 – Present

- Delivered over 20+ successful projects, maintaining a **100% client satisfaction rate** by building responsive and scalable web applications.
- Developed complex **E-commerce platforms** and interactive dashboards using **React.js** and **Node.js**, ensuring cross-browser compatibility and high performance.
- Integrated intelligent features into web apps, such as data visualization dashboards using **Python** and automated reporting systems.
- Designed and optimized database schemas (MySQL, MongoDB) to handle growing data loads efficiently.

NTC Coders (Tech Startup)

Software Engineer (Full-Stack)

Remote

2023 – Present

- Spearheaded the end-to-end development of the startup's core web products using **React, Angular, and .NET**.
- Collaborated with cross-functional teams to define system architecture, ensuring scalability for future AI feature integration.
- Implemented robust back-end logic using **Node.js**, enhancing API response times by 30%.
- Played a key role in SEO optimization and establishing the brand's digital identity.

Information Technology Institute (ITI)

Full-Stack Developer Intern

Egypt

2023 – 2023

- Developed full-stack IoT applications, implementing real-time data visualization for smart devices using **JavaScript and Python**.
- Worked in an Agile environment to debug complex codebases and improve application stability.

Key Projects

Full-Stack

Intelligent E-Commerce Platform

React, Firebase, PostgreSQL

Developed a fully functional, scalable online store featuring secure payment integration and dynamic product recommendation logic.

Full-Stack

Smart Home Automation

IoT, Web Interface

Created a web-based interface for smart home automation, integrating hardware sensors with a cloud-based dashboard for real-time monitoring.

Data Science

Data Analysis Dashboard

Python, Power BI

Visualized large datasets to provide actionable business insights, transforming raw data into clear, strategic metrics.

Full-Stack

Job Finder Application

React, Node.js, MongoDB

Built a full-stack job search platform with advanced filtering, user authentication, and optimized search algorithms.

Education

Egyptian Russian University

B.Sc. in Artificial Intelligence

Giza, Egypt

Expected 2027

Certifications & Awards

Digital Egypt Pioneers Initiative

Front-End Developer Leader

DEBI

Full-Stack Development Professional Certificate

Udemy

Data Analysis Professional Certificate

Microsoft x ITI

Cybersecurity & DevOps Fundamentals

IBM

1st Place in Kickboxing (Giza Governorate)

Sports

Languages

Arabic: Native

English: Fluent