Marslino Edward Helmy

AI Engineer

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Kaggle: MarslinoEdward

CAREER OBJECTIVE

Full-Stack Engineer proficient in React, Django, and FastAPI. I currently develop and deploy complete applications from frontend to backend while advancing my knowledge through projects and my Bachelor's degree in Computer Science.

EDUCATION

Bachelor's degree, El - Shorouk Academy   2022 – present
Major: Computer Science   Egypt
Grade: Excellent

EXPERIENCE

DEMI Coding Instructor, iSchool   06/2024 – present
Hybrid full-time instructor teaching programming concepts to students aged 6 to 18.   Egypt

ML Engineer, CodSoft, Infotech   01/2024 – 03/2024
Experienced in different real projects like customer churn prediction, movie genre classification.   Internship, Remote

Data Entry Clerk   02/2023 – 11/2023
Strong attention to detail and organizational skills, achieving **80** WPM with **98%** Acc.   Cairo, Maadi

CERTIFICATES

Full stack Diploma, Route   01/2025 – 06/2025
- Foundations in **Frontend Development**: HTML, CSS, JavaScript, Bootstrap, jQuery, React.
- Foundations in **Backend Development**: Django, FastAPI, MySQL, Firebase.
- Learned **Deployment**: hosting with Heroku, Vercel, and GitHub pages.

Software Engineering Scholarship, ALX - Africa   12/2022 – 07/2023
Strong communication and collaboration skills essential in dynamic environments.

SKILLS

Programming Languages
 Python, Dart, C, C++ and C#.

Data Visualization
Tableau, Power BI, matplotlib, seaborn, plotly.

Teaching
Delivering clear and engaging coding instruction, adept at simplifying complex concepts.

Database Management
SQL, SQLite Knowledge, Firestore

Problem Solving
Critical thinking skills to identify and solve complex programming challenges.

PROJECTS

Full-Stack Development Junior Projects (Native & React), +15 projects
- Interactive chatbot agent
    web chatbot powered by JavaScript logic.
- Typing Speed Test (Monkeytype Clone)
    Real-time typing speed tracker with scoring and feedback

ACTIVITIES

Head of AI, Google Developer Student Clubs (GDSC)   01/2024
Guiding and educating undergraduate students on the latest developments in AI.

Kaggle Notebook Master, Ranking 343 out of 61,479 developers on Kaggle   03/2024

ICPC Competitor, Twice won my university finals participated in the ECPC competition. (2023, 2024)
Competed in programming challenges, collaborating with a team to solve problems under time constraints.

SELF-STUDY & INDEPENDENT LEARNING

Deep Learning by Ian Goodfellow
Explored foundational theory in neural networks

Hands-on Machine Learning
Practical ML & DL projects with Scikit-Learn, Keras, and TensorFlow

Grokking Algorithms
Simplified complex data structures & algorithms

Schaum's Outline of Discrete Mathematics
Studied core logic, set theory, and combinatorics

Learn Python 3 the Hard Way
Practiced Python through rigorous exercises

Clean Code
Improved software design and maintainability practices

LANGUAGES

Arabic: Native

English: Fluent