

Ahmed Abd ElHameed Abd ElGawad

Software Engineer

+201007888028 • ahmed.abdelhameed1706@gmail.com • <https://www.linkedin.com/in/ahmed-abdelhameed> • Egypt

Summary

ALX graduate and seasoned software engineer skilled in MERN Stack, Python (Flask, Django), and database management. Experienced in full-stack development, DevOps, and cloud deployment. Effective problem-solver with a collaborative mindset, adept at optimizing project architectures and designing robust APIs. Proven track record of success in online job simulations for top-tier companies. Committed to driving innovation and delivering high-quality solutions in software engineering.

Skills

Technical Skills:

MERN Stack (MongoDB, Express.js, React.js, Node.js) • Python (including Flask and Django frameworks) • SQL Databases (PostgreSQL, SQLite, MySQL) • NoSQL Databases (MongoDB) • JavaScript (including ES6+) • Version Control (Git, GitHub)

Software Development:

Data Structures and Algorithms • API Development • Unit Testing and Test-Driven Development • Application Deployment

Interpersonal Skills:

Team Collaboration • Problem Solving • Adaptability • Communication (excellent verbal and written skills in English)

Additional Skills: Project Management (Agile methodologies, JIRA, Trello) • Basic UI/UX Design Principles

Experience

Ijar	Remote
Software Engineer	01/2024 - 04/2024
<ul style="list-style-type: none">Collaborated with a team for 3 months to develop a cutting-edge car rental application using the MERN stack (MongoDB, Express.js, React.js, Node.js). I was responsible for creating key parts of the API, ensuring robust and efficient data handling and communication between the front-end and back-end.Managed all DevOps tasks, including setting up and maintaining CI/CD pipelines using Git and GitHub, and configuring test and deployment servers. This ensured smooth and automated testing, integration, and deployment processes.Contributed to the front-end development by designing and implementing responsive and reusable components using React.js, enhancing the user interface. Also utilized my knowledge of JavaScript (including ES6+), ensuring a seamless and user-friendly experience.	
Lyft Online Job Simulation at Forage	Remote
Software Engineer	09/2023 - 10/2023
<ul style="list-style-type: none">Completed an online job simulation for Lyft at Forage, where I utilized my knowledge to redesign the project architecture, enhancing its scalability and maintainability.Refactored the codebase to align with the new project design, improving code readability, performance, and adherence to best practices.Implemented comprehensive unit tests to ensure functionality and reliability, achieving high test coverage and confirming that all components worked as intended.	
J.P Morgan Online Job Simulation at Forage	Remote
Software Engineer	07/2023 - 08/2023
<ul style="list-style-type: none">Successfully completed the online job simulation for J.P. Morgan at Forage, demonstrating expertise in identifying and resolving bugs in the data feed, ensuring data accuracy and integrity.Leveraged J.P. Morgan's open-source library, Perspective, to implement solutions for accurately displaying the fixed data. This involved utilizing advanced data visualization techniques to present information effectively.Demonstrated problem-solving skills by efficiently addressing challenges within the data feed and effectively utilizing available resources to achieve optimal results.	

Experience

Saudisoft

Cairo - Egypt

Localization Engineer

06/2022 - 02/2023

- Proficiently prepared files for utilization by project managers and translators, ensuring documents were formatted and organized for efficient workflow.
- Demonstrated scripting expertise by writing customized scripts and macros to automate repetitive tasks, streamlining team processes and enhancing productivity.
- Implemented automation solutions to optimize task efficiency, enabling the team to focus on higher-value activities and reducing manual workload.

Education

Holberton School With ALX Scholarship Program

Online

Software Engineering Diploma

02/2023 - 04/2024

Future Academy

Cairo - Egypt

Bachelor's in Accounting

10/2020