Ashraf Atef

Cairo - EG • +201558888444 • contact@ashrafatef.com • linkedin.com/in/ashraf-atef • www.ashrafatef.com

Software engineer

Innovative software engineer with expertise in both front-end and back-end technologies. Successfully developed Egypt's first drug interaction app, enhancing healthcare accessibility for thousands. Known for critical thinking, problem-solving, and a collaborative approach, I deliver high-quality, user-centric solutions that drive business success.

EXPERIENCE

Egypt drug checker

- Developed Egypt's first app to check drug interactions by trade names, featuring a database of over 700,000 interactions.
- Implemented image search and AI enhancements to improve user experience.
- Increased healthcare safety and outcomes by providing accessible and reliable drug interaction information.
- Technologies used: React.js, Node.js, Express, MongoDB, python, flask.

NASA Mission Control

- Created a web app to manage and schedule new missions to Kepler's habitable planets via an API.
- Tracked past and future SpaceX missions, streamlining mission planning.
- Enhanced mission coordination and provided up-to-date data for space exploration efforts.
- Technologies used: Node.js, Express.js, Mongoose, MongoDB, React.js, Jest.

Airbnb clone

- Built a simplified version of the Airbnb platform, focusing on booking functionality.
- Divided project into Console, Web Static, and Web Dynamic components.
- Demonstrated ability to create scalable web applications and improved understanding of the core functionalities of an online booking platform.
- Technologies used: Python, Flask, MySQL, JavaScript, Haproxy, Nginx.

Clothy store

- Developed an e-commerce clothing store using React.js, Redux,

SKILLS

Front-End: CSS, HTML, JavaScript, React.js, Redux.js, Sass, Styled-components

Back-End: C, Express.js, Firebase, Flask, Jest, Node.js, Python, Sql, Unittest

Dev-ops: AWS, Docker, Haproxy, Nginx, Software Infrastructure

EDUCATION

Software Engineering
Holberton School
01/2023 - 08/2024
Completed an intensive software engineering program with a focus on project-based learning and real-world problem-solving.

Backend Specialization
Holberton School
06/2024 - 10/2024
Specialized in backend development, including server-side programming, databases, and API design.

Frontend Development
ZTM ACADEMY
03/2021 - 11/2022
Gained proficiency in front-end technologies through a series of courses focused on responsive web design and modern development practices.

and Styled Components.

- Utilized Docker for containerization, Stripe for payments, and Firebase for backend services.
- Deployed on Netlify, ensuring a seamless online shopping experience.
- Provided a robust and user-friendly platform for online shopping, resulting in increased customer satisfaction and engagement.
- Technologies used: React.js, Redux, Styled Components, Docker, Stripe, Firebase, Netlify.

Simple shell

- Developed a UNIX command interpreter inspired by the original Unix shell.
- Supported basic shell functions like command execution, input/output redirection, and process control.
- Gained foundational knowledge of shell programming and operating systems, improving system-level programming skills.
- Technologies used: C.

Monty project

- Built a simple interpreter for Monty ByteCodes, reading and executing bytecode commands.
- Demonstrated understanding of bytecode interpretation and execution, showcasing proficiency in low-level programming.
- Technologies used: C.

ALX Foundations

Alx canvas
05/2023 - 10/2023

Completed a program focused on essential soft skills, including communication, teamwork, problem-solving, leadership, and time management.

Bachelor of Pharmacy

Sinai University
10/2018 - 07/2023

Graduated with honors after a comprehensive program in pharmaceutical sciences, including medicinal chemistry, pharmacology, clinical pharmacy, and drug formulation, with hands-on experience in laboratory work and research projects.