Yousef Saeed

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SKILLS

Programming Languages: Python, JavaScript, TypeScript, SQL, MongoDB, Bash, HTML, CSS, Sass
Frameworks & Libraries: Node.js, Express.js, Jasmine, jQuery, Django, Flask, Unittest
Tools & Platforms: Git, GitHub, Linux, AWS, Nginx, CircleCI, Docker, Figma
Languages: Arabic: Native, **English**: Fluent

EDUCATION

Full-Stack Software Engineering

ALX - Holberton School   Jan 2023 - Mar 2024
- Completed intensive full-stack software engineering program with back-end specialization.
- Collaborated on real-world projects in a team-focused learning environment.
- Mastered back-end technologies, database administration, server-side languages, and streamlined DevOps procedures.
- Applied software architecture and design patterns for scalable solutions.
- Demonstrated effective collaboration in a deadline-driven coding environment.

BSc in Management Information Systems

The Egyptian Institute of Alexandria Academy   Oct 2020 - June 2024
- Acquired comprehensive knowledge in computer science, IT, systems analysis and design, and mathematics.
- Applied theoretical insights through hands-on projects and extensive peer collaboration.

EXPERIENCE

Cisco

IT Specialist Trainee   Apr 2024 - July 2024
- Configured and managed local area networks (LANs) and connected devices to the Internet and Cloud services seamlessly.
- Implemented network security measures to protect data integrity and confidentiality across various IT environments.
- Monitored network performance and troubleshot connectivity issues, maintaining continuous network operations and efficiency.
- Assembled, repaired, and upgraded personal computers, ensuring optimal performance and reliability.

Emirates NBD

Intern   Aug 2023 - Sep 2023
- Completed a training in the financial sector, gaining insights into decision-making processes and financial inclusion initiatives.
- Developed communication, collaboration, and leadership skills through various hands-on activities and projects.

PROJECTS

Government Services Online Portal   Live Application   GitHub Repository
- Developed a web app for streamlined access to government services, providing rich functionality for both users and admins.
- For users: Implemented secure registration and authentication, personalized service access, intuitive browsing, search capabilities, and profile and order management.
- For admins: Designed features for efficient management of services, departments, orders, and user profiles.
- Utilized Python and Flask for the backend, complemented by HTML, CSS, and JavaScript with Bootstrap for the frontend.
- Deployed the application on a server using Gunicorn as the WSGI HTTP server, with the database hosted on a separate server to ensure secure and efficient communication.

ECHO: TUI Chat   NPM Package   GitHub Repository
- Developed a lightweight and modern TUI chat app using JavaScript, Node/Express, and MongoDB, enabling real-time text-based communication within a command-line environment.
- Designed a clean and intuitive UI for seamless navigation, channel management, and messaging.
- Supported multiple chat rooms with real-time messaging and chat history using WebSocket connections.
- Implemented a GitHub Workflow for automated build, test, and deployment processes.
- Deployed the client-side on NPM, the server-side on Render, and the database on MongoDB Atlas.

Shorten: Streamlined URL Management   Live Application   GitHub Repository
- Developed a feature-rich URL shortening full-stack app with user management, API integration, and QR code generation.
- Enabled fine-grained URL management, including deletion and expiration date adjustments.
- Architected a scalable backend using Python/Flask, with SQLAlchemy for database interactions, deployed on a production server with Nginx and WSGI.
- Implemented secure user authentication through token-based API access.
- Designed an intuitive frontend using Jinja, creating a user-friendly and aesthetically appealing dashboard.

CERTIFICATES

CS50's Web Programming with Python and JavaScript   Harvard University
CS50's Programming with Python   Harvard University
Advanced Full-Stack Web Development Nanodegree   Udacity