YOUSEF SAEED

Full-Stack Developer

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Complex problem-solver with analytical and driven mindset. Dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code.

PROJECTS

E-Commerce API   TypeScript · Node.js · PostgreSQL · Express.js · JWT · Jasmine

🔗 github.com/yousafesaeed/ecommerce-api

RESTful API for a marketplace connected to a database that allows users to perform CRUD operations after authorization. Such as signing up, logging in, and deleting their account. Users can also view, create, and delete products and make or cancel orders. Product filtering options include category and popularity. Passwords are hashed for secure data storage.

Chat Messaging Web App   Python · Django · SQLite · JavaScript · HTML · Sass

🔗 github.com/yousafesaeed/chat-app

Group chat web app that allows users to create an account, login, and engage in real-time conversations with other users on multiple channels. Users can create new channels, invite others to channels, and accept or decline invitations from others.

Social Networking Service   Python · Django · SQLite · JavaScript · HTML · CSS

🔗 github.com/yousafesaeed/CS50/tree/main/CS50W/network

Twitter-like social network where users can sign up, log in, post status updates, edit posts, like other users' posts, and follow other users.

Auctions Web App   Python · Django · SQLite · HTML · CSS

🔗 github.com/yousafesaeed/CS50/tree/main/CS50W/commerce

Web app that enables users to add items for auction with a title, description, image, starting price point, and category. Users can view, bid, comment, and add items to watchlist. At the auction's end, the highest bidder is announced, and the item is no longer available for bidding or commenting.

Sorting Algorithm Visualizer   JavaScript · HTML · CSS

↗ yousafesaeed.github.io/sorting-visualizer
🔗 github.com/yousafesaeed/sorting-visualizer

Visualization of various sorting algorithms, including Bubble Sort, Selection Sort, Insertion Sort, Quick Sort, and Merge Sort.

Unix Shell   C

🔗 github.com/yousafesaeed/simple_shell

Command-line interpreter that allows users to interact with the operating system's kernel by reading commands from the standard input or from a file. The shell interprets these commands and executes them, providing users with access to a wide range of system utilities and tools. For example, Input and output redirection, piping, and background processes. It also provides a command history feature that allows users to recall and repeat commands they've previously executed.

SKILLS

- **PROGRAMMING LANGUAGES**
  JavaScript, TypeScript, Python, Java, C, Bash, HTML, CSS, PostgreSQL, SQLite, MySQL

- **FRAMEWORKS & LIBRARIES**
  Node.js, Express.js, Jasmine, Djano, Sass, Jquery, Bootstrap

- **TOOLS & PLATFORMS**
  Git, GitHub, Linux, Docker, AWS, CircleCI, Postman, Figma

- **CONCEPTS & METHODOLOGIES**
  Agile Methodologies, Data Structures, Algorithm Design & Analysis, RESTful APIs, OPP, CI/CD Methodologies

EDUCATION

Full-Stack Software Engineering
Jan, 2023 — Jan, 2024
ALX - The Room

BSc in Management Information Systems
Oct, 2020 — June, 2024
The Egyptian Institute of Alexandria Academy

CERTIFICATES

CS50's Web Programming with Python and JavaScript
Nov, 2022 — Dec, 2022
Harvard University

Programming with Python
Dec, 2022
Microsoft

CS50's Introduction to Programming with Python
Oct, 2022 — Nov, 2022
Harvard University

Advanced Full-Stack Web Development
Aug, 2022 — Oct, 2022
Udacity

LANGUAGES

- Arabic
- English