Adnan Obuya

Software Engineer

As a passionate Software Engineer, I thrive on turning complex technical challenges into elegant, user-friendly solutions. With a strong foundation in Python, JavaScript, Django, and React, I'm skilled at crafting intuitive applications that drive results. I'm always eager to learn and grow, and I enjoy working in collaborative environments where I can contribute to innovative projects.

Education

2024-05   **Diploma in Software Engineering**

Alx Africa - Nairobi

2020-05   **High School Diploma**

Chemelil Sugar Academy - Kenya

Coursework

- Back-end Web Development: Object-oriented programming using Python. Using models, URLs and Views to make dynamic web pages in Django.
- Front-end Web Development: JavaScript ES6 syntax for front-end logic and functionality. Utilizing promises for asynchronous programming.
- System Administration: Configuring web services such as Nginx and Apache for hosting web applications.
- UX Development: Creating static web pages using HTML5 and CSS.

Projects

Online Shopping Web App
Developed a robust online shopping platform allowing users to sign up, browse items, add to cart, and checkout.
Technologies Used: Flask (Back-end), HTML, CSS,

Contact

Address
Nairobi, Kenya

Phone
+254792459746

E-mail
gardobuyaadnan@gmail.com

Links

- https://www.linkedin.com/in/adnanobuya-9bb70a289/
- https://github.com/Adnangad

Skills

Programming Languages:

Python: Proficient in writing clean, efficient code for web development, data analysis, and automation tasks.

JavaScript: Advanced understanding of ES6+, DOM manipulation, and event handling for dynamic front-end development.

C/C++: Strong foundation in system-level programming and memory management.

JavaScript (Front-end).
Impact: Improved user engagement with a seamless, responsive UI and secure payment processing.

E-Library
Currently developing an e-library for users to access and review a wide range of books.
Technologies Used: Django (Back-end), React (Front-end).
Features: User sign-up, book ratings, and review systems integrated into a dynamic, interactive platform.

Custom Printf Function
Implemented a custom version of the printf function in C, enhancing understanding of low-level operations and memory management.
Technologies Used: C Programming Language.

Web Development:

Front-End: HTML5, CSS3, JavaScript (ES6+), React.

Back-End: Django, Flask, Node.js.

Database Management: SQL, Object-Relational Mapping (ORM), designing efficient database schemas.

API Development:

RESTful APIs: Experienced in designing, implementing, and consuming RESTful APIs, with a focus on security and scalability.

Version Control:

Git: Proficient in using Git for version control, including branching and merging strategies.

DevOps:

CI/CD: Basic understanding of continuous integration and continuous deployment pipelines.

Containerization: Experience with Docker.

Other:

System Administration: Configuring and managing web servers (Nginx, Apache).