

David Udo

Software Engineer

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Software Engineer specialising in backend development with experience in designing, developing, and maintaining scalable and efficient backend systems. Committed to solving complex problems and developing innovative solutions to improve software functionality. Seeking a challenging role in software engineering that leverages technical expertise and fosters professional growth.

LANGUAGES

- NodeJS
- TypeScript
- Python
- C
- HTML
- CSS
- MySQL
- MongoDB

FRAMEWORKS

- ExpressJS
- Django
- React
- Bootstrap

TOOLS

- Git
- Linux
- Figma
- Adobe XD
- Heroku
- Postman

PROFESSIONAL TRAINING

ALTSCHOOL AFRICA

Software Engineering (NodeJS)

Remote

April 2022 - March 2023

Relevant Coursework:

Data structures and algorithms | Authentication and authorization | Open source | Test-driven development | HTML | CSS | JavaScript | Object oriented programming | TypeScript | NodeJS | Express | Sequelize | MongoDB | Technical writing | Database design | Soft skills

ALX AFRICA

Software Engineering

Remote

August 2022 - Present

Relevant Coursework:

Whiteboarding | Debugging | C | Python | Shell scripting | Linux | Version control | Collaboration | Time management | Reverse engineering and security | MySQL | SQLAlchemy | Networking

PROJECTS

CHATBOT APPLICATION FOR RESTAURANT ORDERS

Mar 2023

TypeScript | Express | Sequelize | Socket.io

[View Project](#) [Source Code](#)

- Designed and developed a chatbot application to help restaurant patrons place orders for their preferred meals
- Used DrawSQL, a database design tool, to design the applications database
- Facilitated users' ability to view their order history and cancel orders.
- Successfully maintained communication between the application's frontend, backend, and database on separate servers

ALTSCHOOL BLOG API

Nov 2022

NodeJS | Express | MongoDB | Mongoose

[View Project](#) [Source Code](#)

- Created a RESTful API that offers fictitious blog data that a frontend application can use.
- Wrote integration and unit tests to make sure all routes provided the right response
- Integrated validators ensure that the data type sent to the API is the appropriate one.
- Installed a code linter for the application's code base to have a consistent coding style
- Configured application to send logs to Sentry

- Wrote a script for seeding database

STUDY BUDDY

Dec 2021

Python | Django | PostgreSQL

[View Project](#) [Source Code](#)

- Developed a web application designed to connect users with similar interests for studying or discussing a particular topic in virtual rooms
- Built an API from the application using the Django Rest framework, which can be used by any frontend application.
- Successfully maintained communication between the database and backend of the application on different servers.

DEVSEARCH

Feb 2022

Python | Django | PostgreSQL

[View Project](#) [Source Code](#)

- Developed a software that allows developers to share projects, message other developers, rate other developers' work, and search for other developers
- Built a API from the application using Django Rest framework that can be consumed by any frontend application
- Implemented a forgot password feature
- Incorporated an email system to welcome new customers who register for the software

ACTIVITIES

ALTSCHOOL HACKATHON

Remote

Backend Developer and UI Designer

August 2022

- Worked collaboratively with a team of developers to create a software application that can identify the service provider of a phone number entered by the user.
- Contributed to both the UI and the backend development of the application, leveraging my skills in frontend design and backend engineering to ensure the software was both user-friendly and efficient.
- Delivered a working prototype within the hackathon's time limit, showcasing my ability to produce results under pressure.

ADDITIONAL

Technical Skills: API design | Mongoose | Firebase | Github | NPM | Yarn | Netlify | Vercel | Cyclic | Render | Tailwind | Angular | Vue

Soft Skills: Communication skills | Problem-solving skills | Attention to detail | Time management skills | Adaptability | Teamwork | Continuous learning | Creativity | Critical thinking

Languages: Fluent in English | Conversational Proficiency in French, Chinese

Certifications & Training: Jobberman Accelerated Soft Skills Programme