

HABIBA ADAM SALISU

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Summary

Backend Instructor and a Backend Software Engineer with a strong foundation in backend development. Leveraging hands-on experience in Python, Node.js, and database management, I aim to foster the next generation of developers by sharing practical insights and best practices in backend development. My goal is to combine my technical proficiency with my enthusiasm for mentoring to create an engaging and informative learning environment.

Technical Skills

Programming Languages: Node-Js, Typescript (Basics), Express-Js, Python, Flask, React-Js, HTML, CSS, Bootstrap, Tailwind.

Databases: MySQL, MongoDB

Technologies/Tools: Git, Docker, Nginx, Gunicorn, Excel, PowerBI, Visual Studio Code, GitHub, CodeSandBox, Netlify, Vercel, Render

Operating Systems: Linux, MacOS

Experience

HACSA, *Backend Instructor,*

August 2024-Present

- **Key Responsibility:** Conduct interviews with prospective students to assess their readiness and align the curriculum with their learning goals.
- Designing and develop a comprehensive backend development curriculum tailored for beginners, ensuring it covers fundamental concepts and hands-on experience.

Confidential: *Backend Developer (E-commerce Mobile App)* *July 2024-Present*
Contract Role

- **Key Responsibility:** Focused on designing and implementing backend services to ensure the system's scalability, security, and efficiency using Typescript, Nest.js, Node.js, and MongoDB.

OptimaData, *Full-Stack Engineer Intern*,

June 2024-July 2024

- **Backend Development & Security:** Developed secure and scalable backend services using Express.js, with a focus on security best practices, including Morgan logging, Helmet, and Express Mongo Sanitize.
- **Rapid Prototyping with Modern Tools:** utilized Tailwind CSS for efficient UI development, replicating Figma designs into a React application. Explored and learned to leverage Telegram Bots for potential future integrations.

Academic Projects

RESUME ROCKET | Node-Js, Express-Js, React-Js, MongoDB

- **Streamlined Resume Creation:** Designed and developed ResumeRocket, an AI-powered CV builder for tech industry professionals, simplifying the resume creation process through an interactive user experience. (Focuses on user benefit and achieved functionality)
- **Improved Personalization:** implemented an interactive questionnaire to gather key resume details, enabling the AI model to generate customized and compelling CVs tailored to individual needs.
- **Scalable for Future Growth:** architected ResumeRocket for future expansion, allowing ongoing training of the AI model to accommodate a wider range of job profiles and target audiences.

CELESTIAL PALATE | Python, MySQL, Flask, HTML, CSS, Bootstrap

- **Luxury Dining Showcase:** Built a website for a high-end restaurant with locations in South Africa, Japan, and Italy.
- **Seamless User Experience:** enabled online menu browsing and reservation booking, streamlining the dining experience for users
- **Robust Backend:** Utilized Flask to construct a RESTful API for efficient data exchange between the front-end and the database.

Education

ALX, Holberton School of Coding,

March 2022-June 2024

Software Engineering

Relevant Coursework: System Engineering Devops, Data Structures and Algorithms in C, OOP in Python, DataBase Systems, Networking.

Certifications

ALX Software Engineering Programme, Backend Development,
SHECODES Basics, Plus, Responsive, and React

June 2024
Oct 2023 - Feb 2024

Referees

Available On Demand