

HABIBA ADAM SALISU

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Summary

Software Developer with hands-on experience in building secure, scalable, and efficient services using NestJS, TypeScript, Python, and Flask. Experienced in developing RESTful APIs, integrating databases, and applying best practices in performance optimization and security (JWT, OAuth). Collaborates effectively in remote teams, with a strong focus on clean architecture and seamless front-end integration.

Technical Skills

Programming Languages: Node-Js, Typescript, Python

Frameworks & Tools: NestJS, Express.js, Flask, FastAPI, React.js, Docker, Nginx, JWT, Ionic/React, VsCode, Cloudinary

Databases: MySQL, Postgres, MongoDB

DevOps & Cloud: Docker, Nginx, CI/CD

Testing & Security: Jest, BDD

Operating Systems: Linux, MacOS

Version Control & Collaboration: Git

Experience

Faithful-Match, Backend Developer, Contract Role | *February 2025 – Present*

- Developed secure, efficient backend services with NestJS and MongoDB.
- Built matchmaking algorithms using weighted scoring and Jaccard similarity.
- Applied database query optimizations to enhance performance.
- Practiced rapid iteration and agile problem-solving under tight deadlines.

PhishFortress, Full-Stack Developer, Freelance Role | *March 2025 – June 2025*

- Built a phishing simulation platform with Python, FastAPI, React and Auth0, featuring real phishing email scenarios.
- Integrated video training with YouTube API and saved user progress without backend storage

- Designed dynamic feedback for user phishing responses to boost learning.

TechX360, Backend Developer (E-commerce Mobile App(A-Shopper))

Contract Role | July 2024 – August 2024

- Created e-commerce backend services (auth, payments, orders) with NestJS.
- Integrated Cloudinary for image handling, and role-based access control for API security.
- Optimized APIs and database queries for performance.
- Collaborated closely with frontend to ensure seamless user experience and deployment.

HACSA, Backend Instructor

Part-Time Role | August 2024 – Present

- Delivered backend curriculum on Python, Flask, Linux, databases, and architecture
- Led students through hands-on backend projects ,REST API development and fundamentals of programming.
- Introduced web architecture and JavaScript fundamentals.

OptimaData, Full-Stack Engineer Intern,

June 2024-July 2024

- Built backend APIs with Express.js, securing endpoints with Helmet and sanitization.
- Used Morgan logging and Express Mongo Sanitize for enhanced security.
- Contributed to front-end development with Tailwind and React, based on Figma.

Academic Projects & Personal Projects

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

- Developed an AI-powered CV builder with secure, scalable backend APIs.
- Designed interactive resume questionnaire flow.

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

- Created a backend reservation system for a luxury dining experience.
- Built RESTful APIs and managed secure database interactions.

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