

# HABIBA ADAM SALISU

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## Summary

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To secure a position as a Junior Software Engineer in a dynamic and expanding organization, leveraging my proficiency in programming, particularly in Javascript, Python and C. My goal is to apply my advanced skills in these languages to enhance organizational efficiency and contribute significantly to the company's success

## Technical Skills

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**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

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OptimaData - *Full Stack Engineer Intern*

*June 2024 -Present*

- **Full-Stack Development:** Leveraged TypeScript to build secure and scalable backend services using Express.js. Implemented security best practices including Morgan logging, Helmet for HTTP headers, and Express Mongo Sanitize to prevent database injection attacks. Successfully replicated Figma designs into a functional React application using Tailwind CSS for rapid UI development
- **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

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**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.
- **Responsive Design:** Employed HTML, CSS, and Bootstrap to create a visually appealing and user-friendly interface that adapts seamlessly across devices.

### [AIRBNB CLONE](#) | Python, MySQL, Flask, HTML, CSS

- **Full-Stack Proficiency:** Gained expertise in the entire application development lifecycle by using Python (backend), MySQL (database), Flask (web framework), HTML, and CSS (frontend)
- **Scalable & Efficient Design:** Implemented Object-Oriented Programming (OOP) for a modular and scalable codebase, and transitioned from JSON to a MySQL database using Object-Relational Mapping (ORM) for improved data management.
- **Enhanced User Experience & Deployment:** Built a user-friendly command-line interface (CLI) for interaction and designed a dynamic webpage with progressive features and improvements. Bonus: Deployed the project using a server, leveraging Nginx for web hosting and Gunicorn as an application server. Additionally, I created a RESTful API around the Airbnb clone, further extending its capabilities and enabling seamless interactions.

### [WEATHER APP](#) | Javascript, React-Js, HTML, CSS, Bootstrap

- **Real-time Weather at Your Fingertips:** Developed a user-friendly interactive weather app using Javascript, initially built with HTML, CSS, and Bootstrap. (Recently migrated to React-Js for enhanced functionality.)

- **Global Reach with Accurate Data:** Leveraged an external API to fetch real-time weather information and time for any city worldwide, ensuring accuracy and relevance.
- **Beyond Basics:** Successfully deployed the weather app on Netlify, showcasing proficiency in web development and deployment processes. The app uses real-time data to display weather forecasts, offering additional insights to users

### SIMPLE\_SHELL: Building a Shell | C

- Replicated essential functionalities of the Bash shell in the Simple Shell project9, in both interactive and non-interactive
- Gradual mastery: Started with basic commands (ls) and progressed to handling arguments (ls -l).
- Enhanced experience: Introduced the env command to display environment variables and provided a built-in exit for smooth termination.
- Implemented built-in commands, including 'exit' for effective shell termination.

## 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

June 2024

## Referees

Available On Demand