

Abdourahamane Issaka Sani

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SUMMARY

I am Abdourahamane, a passionate programmer who loves writing maintainable code for scalable software. I am a self-directed learner; I trained myself to learn faster using the Feynman technique and mind mapping, making me a value-added teammate in any strong tech team anywhere in the world. I can work up to 50 hours per week.

EDUCATIONAL BACKGROUND

African Leadership University – Kigali, Rwanda

January 2022 – Present

BSc. in Software Engineering (Low level and Blockchain)

Relevant Coursework: Holberton Shell Scripting, Augmented & Virtual Reality, C (Low level programming), Python network

Technology College - University Sidi Mohammed Ben Abdellah – Fez, Morocco

September 2019 – July 2021

Associate Degree in Software Engineering

Relevant Coursework: Object-oriented in C++, C#.NET, Java (Enterprise Edition) & XML Technologies, Oracle & SQL Server, Full stack Web Development, Software Design & Processes (SLDC), Networks (Windows Server, Routing, DNS)

RELEVANT WORK EXPERIENCE

Backend Developer (Python – NestJS/TypeScript)

May 2022– September 2022

KnackApp – Remote

- Gathered details on the infrastructure already in place to help better design/architect the creation of additional features
- Designed a use case diagram in UML which helped the development team to understand the behavior of the new system containing 6 types of users
- Wrote a shell script to filter a JSON file of more than 500 000 users from the existing infrastructure and save the results the onto a Google sheet.
- Improved the scalability of the forthcoming product by implementing new features in TypeScript (NestJS) in a new microservice, while working with other engineers to load data from MySQL, JSON, or Google Sheet files into MongoDB.

Software Developer (React.js/Tailwind)

March 2022– April 2022

Fress – Remote

- Maintained and improved the UI responsiveness on mobile devices and 4K screens by introducing CSS Flexbox
- Developed reusable components in React which reduced code redundancy and increased development speed

CERTIFICATES – PROJECTS - LEADERSHIP EXPERIENCE

Team Lead - Backend Developer Volunteer (Node.js/ExpressJS)

October 2022– Present

Sparklus-Positiveo – Remote

- Leading a team of backend developers in building a free mental health system for Africans using ExpressJS and MongoDB.
- Developed reusable code for video and audio calls using VideoSDK API, resulting in 10,000 free minutes.
- Improved team communication and collaboration by 40% through the implementation of automated notifications in Slack for developers and the API documentation for features volunteers

Holberton autcreate, Open-Source Shell Library

October 2022

- Developed an open-source bash program using Shell that installs Linux commands, allowing ALU and ALX Africa students to save 70% of their time by automating tasks irrelevant to their learning objectives.
- Simplified the process of creating and opening files containing shebangs and execute rights for Python, JavaScript, and Shell scripts, as well as committing and pushing files with or without commit messages, all with one command.

Volunteering (Mentor), Learning Efficacy Advancement Program – African Leadership University **June 2022–December 2022**

- Provided academic support (daily) to an average of 20 struggling Software Engineering students on a daily basis, both in-person (using a whiteboard) and online, to help them improve their self-directed learning journey.
- Gathered feedback from students during these interactions to help ALU improve the self-directed leaning model.

Certificates

September 2022–March 2023

- Node.js, Express, MongoDB & More: The Complete Bootcamp 2023 Node.js, Express, MongoDB & More: The Complete Bootcamp 2023 – Udemy
- Node.js API Masterclass with Express & MongoDB – Udemy
- Introduction to Blockchain Technologies – Coursera
- Introduction to Cloud Computing on AWS for Beginners – Udemy

ADDITIONAL INFORMATION

Hard Skills: Python – TypeScript – Node.js – Bash Scripting – NGINX – Docker – Firewalls – Java (Spring and JEE) – Regex

Soft Skill: Communication – Team Collaboration – Problem Solving – Pedagogy – Self learning – Time Management

Interests: News – Video Games – Speed Reading – Science

Languages (fluent): English – French – Hausa