Segni Tsega

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EDUCATION

Bachelors of Science in Software Engineering,   Sep 2023 – Jul 2027 | Adama, Ethiopia
Adama Science and Technology University ⧉

I am currently a third year software engineering student at Adama Science And Technology University.

Relevant Coursework:

Data Structures and Algorithms, Object-Oriented Programming, Web Applications Development, Computer Networking, Operating Systems.

PROFESSIONAL DEVELOPMENT

Full-Stack web Development Bootcamp, *CSEC ASTU* ⧉   Jan 2025 – Mar 2025

Completed an intensive Bootcamp program on full-stack web development. Through this Bootcamp I have mastered every aspect of web development from frontend to backend. Covering concepts in React.js, Next.js, Node.js, and RESTful APIs. Gaining expertise in MongoDB and PostgreSQL through projects and collaboration.

Web Development, *African Leadership X* ⧉   Mar 2024 – Oct 2024 | Remote

Completed a web development program at ALX focusing on frontend aspect and gaining proficiency in HTML, Javascript, React.js, TailwindCSS, and API integrations.

PROJECTS

CSEC-PORTAL-SYSTEM, *community portal system*

- CSEC(Computer Science And Engineering Club) - is a huge student lead community in our university where students learn and teach each others on several aspects of the digital word like web-development, mobile app development, cybersecurity and data science fields.
- The project took 5 weeks to be completed, and I have worked as a backend developer throughout this phase.
- I have ensured that the system is robust, secure and performace efficient through best practices.

SAAS Landing Page, *XORA-SAAS* ⧉

Xora is a fully responsive, modern SaaS website designed for optimal user experience across all devices, including mobile phones and tablets.

Chatbot Application ⧉

Developed a real-time chatbot using GROK AI's API. Built with Node.js, Express.js, and MongoDB, the app features a responsive frontend for intuitive AI interactions.

Weather Dashboard ⧉

A responsive weather app built with React and CSS. Displays real-time weather data, including temperature, wind speed, and humidity, for user-searched cities.

SKILLS

Programming Languages — Javascript, Typescript, PHP, Python, Java, C++ , **Frameworks / Libraries** — React.js, Next.js, Node.js, TailwindCSS, **Technologies / Platforms** — Git/Github, Linux/Unix, Figma, **Databases** — MongoDB, MySQL, PostgreSQL