



Solomon Ferede Ezez

Python Developer | Electrical Engineer

Software Developer and Website Expert with a strong electrical engineering background and 2+ years of experience in Python, C/C++, and SQL. Skilled in database management (MySQL) and full-stack development, with certifications in ALX Software Engineering and Virtual Assistance. Research in robotics and intelligent control systems supports my passion for creating digital solutions that automate workflows and improve organizational efficiency.

Experience

Dec 2023 - Now

Ethiopian Electric Power

Website Adminstrater

- Managing the day-to-day operations of the company's website
- Ensuring the website is up-to-date, user-friendly, and functioning smoothly
- Implementing website security measures to protect against cyber threats and ensure data integrity
- Optimizing website performance for improved user experience

Dec 2018 - Jan 2021

Wolaita Sodo University, Wolaita Sodo, Etiopia

Database Adminstrater

- The ability to write code in various languages such as Java, Python, and SQL to create and maintain databases.
- The knowledge of how to protect databases from unauthorized access, hackers, and data breaches using encryption, authentication, and backup systems.
- The ability to collaborate with other IT professionals, provide user training and support, document database processes and procedures, and present database reports and findings.

Oct 2021 - Sep 2022

Ethiopian Electric Power, Fincha, Ethiopia

Junior Electrical Engineer

- Designed, planned, and develop controllers.
- Operated computer-assisted engineering and design software to perform tasks.
- Installed, configured, and maintained network devices, servers, and other IT equipment
- Determining appropriate type and arrangement of circuits, insulation, and circuit-breakers in electrical systems.
- Tested equipment, machinery, and instruments to assess proper functioning.

Certificate

• Business idea competition and incubation

I Won a business idea competition and incubation held at Hawassa university incubation center

• Virtual Assistant

Intensive 8-week training on project management, communication, organization, and doing internet research.

Personal projects

- ResourceGuard - a web app to manage industry resource
- 2dof robotic manipulator
- Automatic Groundnut hatching machine

Contact

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GitHub <https://github.com/solomonferede1>

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Education

Attending

Software Engineering

ALX Africa

2022

MSc in Control system Engineering

Bahir Dar University, Bahir Dar, Ethiopia

2018

BSc in Electrical and Computer Engineering

Hawassa University, Hawassa, Ethiopia

Skills

- Networking
- SQL & Database Management
- Python, C, Java, Html, CSS
- Task Prioritization, Time Management, and Collaboration:
- Linux Administration (Command Line)
- Ability to learn new technologies and adapt
- Excellent communication and project management skills

Language

- English
- Amharic

Reference

- Daniel Gosaye
Lecturer at Wolaita Sodo University
Email: danigosaye13@gmail.com
- Endale Goshu
Engineer at Ethiopian Electric Power
Email: endalegoshu12@gmail.com
- Amare Ushule
Web Developer at Ethiopian Electric Power
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