

# ALEXANDER SIBHATU

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🐙 <https://github.com/Alexander-Sibhatu/Alexander-Sibhatu>

🌐 <https://alexander-sibhatu.vercel.app/>

## Education

### Addis Ababa University

Sep. 2015 – Dec. 2020

*Bachelor of Science in Electrical and Computer Engineering (Communication Stream)*

*Addis Ababa*

## Relevant Coursework

- Software Methodology
- Database Management
- Cybersecurity
- Internet Technology
- Network Configuration

## Experience

### Integrify

Jan. 2023 – present

*Software Engineer Intern*

*remote*

- Developed data-driven web app using React and REST APIs. Handled data fetching, integration, and implemented dynamic filtering and sorting options for users.
- Led the end-to-end development of a cutting-edge e-Commerce platform, leveraging expertise in JavaScript, React.js, Node.js, MongoDB, and TypeScript. The project showcased ability to design, build, and deploy a robust, secure (session based authentication, google authentication), and user-friendly online shopping experience.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

### Alx Software Engineering

July 2022 – Jan 2023

*Back End Developer Trainee*

*remote*

- Developed custom print functions in C++ to enhance data visualization and reporting for a financial analysis software project.
- Collaborated with others on a wide range of C++ projects.

## Projects

### E-commerce Web App | *JavaScript*

June 2023

- Developed a fully functional and user-friendly e-commerce application.
- Created a user-interactive Digital Signal Processing(DSP) platform.
- Implemented mathematical descriptions of signals and systems, displayed on a 2D graphs using MATLAB GUI.

### MATLAB-Based Signals and Systems Trainer | *MATLAB*

September 2020

- Developed a MATLAB-Based packet to train and help students study signals and systems with a visual display on screen.
- Created a user-interactive Digital Signal Processing(DSP) platform.
- Implemented mathematical descriptions of signals and systems, displayed on a 2D graphs using MATLAB GUI.

## Technical Skills

**Languages:** C++, Java, HTML/CSS, Tailwind CSS, JavaScript, TypeScript

**Developer Tools:** VS Code, Eclipse, Google Cloud Platform, Git, GitHub, npm

**Technologies/Frameworks:** React.js, Express.js (Node.js), MongoDB, Packet Tracer

**Project Management Tools:** Trello, Jira

**Communication Tools:** MS teams, Slack

## Leadership / Extracurricular

### Shared Voices

Autumn 2023 – Present

*Volunteer*

*Shared Voices*

- Deliver the Shared Voices programme in an age and setting appropriate style.
- Raising awareness and providing education to participants.
- Design education materials and promoted the programme.
- Contributing to the evaluation of the Programme.

### Meseret Humanitarian Organization

Every Summer 2018 – 2021

*Teacher*

*MHO*

- Collaborating one package for one student programme
- Teaching students math and providing teaching materials for other teachers.