Selamawit Elias

Software Engineer

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EDUCATION

SEPT, 2018 - JUL, 2023 | ADDIS ABABA UNIVERSITY

Software Engineering BSc   Major CGPA: 3.45/4.0

- Computer Science and Programming
- Object-Oriented Programming
- Data Structures and Algorithms
- Fundamentals of Database
- Web Programming

AUG, 2022 - DEC, 2022 | AUGUSTANA UNIVERSITY

Global UGRAD Exchange Program Scholarship

One of the top 2% students for a one semester exchange program scholarship in the US.
How to program with Java | Intermediate Data Science | Media Composer Fundamentals | American Experiences to 1877

DEC, 2020 - JUL, 2023 | AFRICA TO SILICON VALLEY

Competitive Programming

A2SV upskills high-potential African students, connects with top silicon valley companies and creates digital solutions to urgent problems in their home countries. A2SV students have achieved 70% (31/44) success rate in 2022 at Google Software Engineering interviews.

WORK EXPERIENCES

- **Remote Full Stack Developer**
  Jun 2023 - Present | Treehous
  - Developed a delivery module by integrating a third-party API with webhooks, enhancing system automation for order processing
  - Designed and implemented multiple interactive pages for the admin dashboard using NextJS, improving efficiency and user experience

- **Full Stack Developer**
  Jul 2023 - Nov 2023 | AAIT
  - Developed an API using ASP.NET for a letter tracking system, providing comprehensive management details to enhance tracking efficiency
  - Designed and implemented the user interface using AngularJS for the letter tracking system module, and successfully integrated it with the backend API to streamline user interactions

- **Backend Developer**
  May 2022 - Aug 2022 | Elilta Technology
  - Developed an API using NodeJS for both mobile and web applications that facilitates the booking of bus tickets, enhancing user accessibility and booking efficiency
  - Restructured existing data models from a non-relational to a relational database to simplify hosting requirements

- **Flutter Developer Intern**
  Feb 2022 - Aug 2022 | Lomii
  - Conducted comprehensive testing of the application to identify and resolve bugs and defects
  - Enhanced the logic of three core functionalities within the software, improving performance and user satisfaction
  - Researched and applied best practices in code optimization

SKILLS

- **HTML and CSS** | Tailwind CSS, Bootstrap
- **Javascript** | ReactJS, NextJS, VueJS, NuxtJS, AngularJS, NodeJS, ExpressJS, TypeScript
- **Database Management Systems** | MYSQL, PostgreSQL, MongoDB
- **Mobile Development** | Android, Flutter
- **Python** | Flask, FastAPI
- **C#** | ASP.NET
- **Java**

PROJECTS

Ethiopian Exam Generation and Testing System (01/2023 - 07/2023)
A system, built with NuxtJS and tRPC, that handles exam generation for test takers and provides a platform on which they can take their examinations as well.

Lomii (02/2022 - 08/2022)
A dating app made with Flutter using Firebase

Delalo (08/2021 - 09/2021)
A Flutter application with the API made using Nodejs, a platform that connecting service seekers to service providers with the prospect of selecting the most qualified candidates with experience quickly

AWARDS AND CERTIFICATIONS

- Sept, 2023 | Global UGRAD Certificate of Completion, Link
- June, 2022 | Generation Google: Women in Computer Science Scholar for having demonstrated outstanding academic achievement, leadership and community involvement, Link
- Dec, 2020 | Certificate of Recognition For Organizing Committee Member - The Hult Prize Foundation, Link

EXTRA-CURRICULAR ACTIVITIES

- **Operations Support Intern**
  May, 2021 - Mar, 2022 | iCog Anyone Can Code
- **Sponsorship and Partnership Coordinator**
  Oct, 2020 - Dec, 2020 | Hult Prize On-Campus Program
- **Co-Founder**
  May, 2020 - present | Sebawinet Non-Formal Charity Organization