

# Solomon Sitotaw

## about me

Software Engineer. Full-Stack Developer. Data Analytics Enthusiast.  
Generalist and Discourse Wonk.

## Work Experience



**Oct 2022 - 2024**

**Software Development Engineer**

**Minab I.T. Solutions PLC ( HahuJobs )**

- Manage the efficient deployment of large-scale software, conducting feature testing and code corrections.
- Define customer requirements to establish clear specifications for well-structured project plans.
- Engage in discussions with customers to monitor project progress, gather feedback at various stages, and address concerns directly.
- Provide detailed project reports and milestone updates to project managers and team members.
- Collaborate with engineering team members to assess system workloads and develop improvement strategies.

Location: <http://minabtech.com/> in **Addis Ababa, Ethiopia**

## Contact

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**Jun 2021 - Sep 2021**

**Intern**

**University Of Gondar ( UoG )**

- Participated in the development process of systems for the university, working closely with the development team to explore various programming frameworks in the market such as Node.js, Express.js, Go lang, Vue.js, as well as databases like postgresql.
- Acquired knowledge on managing software projects and ensuring their maintenance

## Education History



### Bachelor of Science in Software Engineering

Institution: Bahirdar University (BiT)

Year of Graduation: 2022

- Cumulative GPA 3.36 / 4.00



### Digital Skills

#### Programming Languages

C++ / Java / Go / JavaScript

#### Web and Mobile Frameworks

NodeJS / Hasura / ExpressJS / gin / Gorilla Mux  
/ VueJS / Ionic / tailwind css

#### DevOps

Nginx / Docker / REST / GraphQL / Git / Unit Testing /  
Microservices / CICD / Insomnia / Postman / Swagger /  
Nats

#### Project Management

Agile (Scrum) / Jira / Slack / Trello

#### Computer Operating Systems

Linux / Windows

### ORGANISATIONAL SKILLS

#### Mental organizational Skills

- Analysis
- Assessment and evaluation
- Communication
- Creative thinking
- Working with data
- Documentation
- Identifying problems
- Conflict resolution
- Reviewing, reporting, and research
- Attention to detail
- Making presentations

#### Time Management Skills

- Creating and keeping deadlines
- Delegation
- Goal setting and meeting goals
- Decision making
- Making schedules
- Coordinating events
- Problem-solving
- Multitasking
- Strategic thinking
- Implementing strategy

## Volunteer Work and Interests

### Computer Software Maintenance Volunteer

Institution: BiT knowledge and tecno store  
2020 to 2022

- Installed and configured operating systems, including Windows, on students' computers.
- Troubleshooted software issues and provided technical support to students.
- Collaborated with IT team to ensure smooth functioning of computer systems for students.

## Projects

### Dec 2022 - on going

#### **HahuJobs ERP** - <https://app.hahu.jobs>

was developed with a microservice architecture approach. Each component has its own database, server, and user interface, all sharing a central user base. I contributed to the backend development using **Go** and **Hasura** with a **GraphQL API**, utilizing Postgres as the database. The specific modules I worked on include:

- Central data aggregator
- Primary user API
- Basic API serving common data for all microservices
- Admin panel for integrating and managing all APIs by the development team

### June 2024 - on going

#### **Comfort Wheels**

As the Lead Backend Engineer for the Comfort Wheels transport system, I have been responsible for developing a comprehensive backend infrastructure to support the seamless transportation of patients between hospitals and their homes.

My key contributions to the project include:

- **User Management API:** Designing and implementing a robust API to handle user-related functionalities, such as authentication, authorization, and profile management.
- **Payment Processing:** Integrating Stripe to enable secure and reliable payment processing for patient transportation services.
- **reCAPTCHA Integration:** Implementing reCAPTCHA to enhance user verification and ensure the integrity of the system
- **Database Management:** Utilizing PostgreSQL as the primary database to store and manage all relevant data, ensuring data integrity and efficient data retrieval.
- **Server Infrastructure:** Deploying the application on AWS servers and configuring Nginx to optimize performance, scalability, and reliability.

Throughout the development process, I have demonstrated my expertise in API design, payment integration, user verification, and the effective use of Go lang, PostgreSQL, and AWS technologies to deliver a robust and efficient transport system for patients.

### Sep 2023 - Dec 2023

**Mesmer** - <https://ethiomesmer.com/>

In the project MESMER, I played a pivotal role as the sole backend developer, utilizing Go lang, Hasura, and PostgreSQL. Following its deployment, the project quickly garnered over 50,000 users within a month. MESMER's overarching goal is to pave the way for financial viability and growth among enterprises.

My responsibilities encompassed the comprehensive development of the backend infrastructure, ensuring the seamless integration and operation of the system.

Key technologies and tools that I employed include:

- PostgreSQL as the primary database management system.
- GitLab for Git repository management, issue tracking, and continuous integration and deployment processes.
- Docker for packaging and running the application within a loosely isolated environment.
- Nginx for serving, reverse proxying, and load balancing the backend project.
- Implementation of a GraphQL API using Hasura to efficiently query and manipulate data.

### Dec 2022 - March 2023

**Bridges** - <https://www.bridges-fc.com/>

I participated in both frontend and backend development. On the backend, I utilized **Node.js/Express** and **PostgreSQL**, while on the front-end, I worked with Vue.js and Tailwind CSS.

"Bridges" has established partnerships with over 30 organizations and has engaged with a remarkable number of over 300,000 participants.

### Oct 2022 - Dec 2022

**Rayeesnv** - <https://www.rayeesnv.com/>

In the project "Rayeesnv," I played a significant role as a frontend developer, leveraging Vue.js and Tailwind CSS to craft an intuitive user interface. By integrating the frontend with a GraphQL API, I enhanced the project's data querying and manipulation functionalities.

Key contributions include:

- Developed the frontend interface using Vue.js and Tailwind CSS.
- Integrated the frontend with a GraphQL API to optimize data retrieval and management processes.

## **LANGUAGE SKILLS**

**MOTHER TONGUE** : Amharic

**OTHER LANGUAGE(S)** : English (fluent)

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