

SOLOMON SITOTAW

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Fullstack developer

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Ethiopia, Addis Ababa



SUMMARY

I am a skilled fullstack developer with a BSc in Software Engineering from Bahirdar Institute of Technology. My expertise spans frontend technologies like React.js and Vue.js, and backend development with Node.js and PostgreSQL as a database solution. I completed fullstack training at Minab IT Solutions, where I gained practical experience in building applications. My strong foundation in system design, data structures, and Agile methodologies enables me to create efficient and scalable solutions.

WEBSITE

<https://solomon-sitotaw.vercel.app/>

EDUCATION

Bahirdar university -(BiT)

Bachelor of Science in Software Engineering
year of grad - 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

PROFESSIONAL EXPERIENCE

Software Development Engineer

Minab it solutions (HAHU jobs) - Oct 2022 - present

Key Responsibilities

- Built and maintained backend APIs using Go and Node.js, ensuring high performance and responsiveness.
- Managed deployment and maintenance of projects on AWS, enhancing scalability and reliability.
- Utilized NATS for efficient messaging between services, improving system communication.
- Managed PostgreSQL databases, ensuring data integrity and optimizing performance.
- Collaborated with front-end developers using Vue.js to integrate user-facing elements with server-side logic.

Skills Gained

Go, vuejs, Nodejs, NATS, Nginx, Hasura, Nuxt, graphql, Postgresql, Stripe

Frontend Developer

Wiz Systems May/2021 - Sep/2022 - Remote Hillsborough US

Accomplishments

- Developed responsive and user-friendly interfaces using React.js.
- Enhanced data visualization capabilities through integration with Elasticsearch and Kibana.
- Collaborated with backend teams to optimize data flow and improve application performance.
- Participated in code reviews and contributed to team best practices.

Skills Gained

ReactJs, Elastic Search, Kibana

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

CERTIFICATIONS

- Fullstack development training
- Certificate of appreciation from BDU KTS for my volunteer work as Computer Software Maintenance for 2 years

Frontend development Lead

Medco tech - Oct 2021 - oct 2022

Accomplishments

- Led the front-end development team in building a comprehensive digital system for insurance companies.
- Successfully transformed outdated paper processes into efficient digital workflows.
- Utilized Vue.js and Tailwind CSS to create responsive and user-friendly interfaces.
- Implemented Shadcn for enhanced design consistency and usability across applications.
- Integrated REST APIs to facilitate seamless data communication between front-end and back-end systems.

Skills Gained

vuejs,Nodejs

Frontend Developer

Wiz Systems May/2019 -present

- Developed projects similar to <https://theafrotimes.com/> from design to execution.
- Utilized Vue.js and React for creating dynamic and responsive user interfaces.
- Implemented Go and Node.js for robust backend solutions.
- Gained expertise in microservices architecture to enhance scalability and maintainability.
- Built high-performance web applications that meet modern user demands.

Skills Gained

Vue.js,React,Go,Node.js,Microservices Architecture

PROJECTS

HahuJobs ERP

Wiz Systems May/2019 -present

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

Comfort Wheels

June 2024 - on going

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.

Mesmer

Sep 2023 - Dec 2023

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.

Bridges

Dec 2022 - March 2023

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.

RayeeSnv

June 2024 - on going

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.

VOLUNTEER WORK AND INTERESTS

Computer Software Maintenance Volunteer

2020 - 2022 BiT knowledge and tecno store

- 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.