Basliel **Selamu**

SOPHOMORE STUDENT · SOFTWARE DEVELOPER

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Summary

Motivated software engineer with extensive experience in both front-end and back-end development, contributing to innovative projects across the United States and Israel. Experienced in distributed systems and scalable services, delivering impactful solutions to diverse global clients. Skilled in creating scalable, user-friendly systems and delivering high-quality, customer-centric solutions for global clients. Currently pursuing a Bachelor's degree in Software Engineering at Addis Ababa University, with one year remaining until graduation. Passionate about crafting engaging user experiences. And hands-on experience using AWS and cloud services.

Education

Addis Ababa Institute of Technology   *Addis Ababa, Ethiopia*

B.Sc. IN SOFTWARE ENGINEERING (EXPECTED GRADUATION: 2026)   *2020 – Present*

Pursuing coursework in software development, web technologies, and computer science fundamentals, including Object-Oriented Programming, Data Structures, and Algorithms. Achieved a current cumulative GPA of 3.8/4.0.

Gebeya Inc. & Microsoft 4Afrika   *Addis Ababa, Ethiopia*

INTRODUCTION TO MACHINE LEARNING   *2020*

Gained foundational knowledge in AI and machine learning techniques, complementing a strong interest in scalable software systems.

Africa to Silicon Valley (AAIT)   *Addis Ababa, Ethiopia*

ADVANCED DATA STRUCTURES & ALGORITHMS   *2020*

Focused on efficient data manipulation and algorithm design, critical for building performant and maintainable front-end applications.

Skills

Programming Languages	JavaScript (over 100,000 lines), Python, Go, TypeScript, PHP, Dart, Java
Frameworks	Node.js (Express, Fastify, NestJS), Spring Boot, Angular, React, Flutter, Laravel, Flask, Django, Gin/Gin-Gonic
Machine Learning & AI	Scikit-learn, PyTorch, TensorFlow, OpenCV, Langchain, Hugging Face, OpenAI, Open-source LLMs
Databases	PostgreSQL, MySQL, MongoDB, DynamoDB, Cloud Firestore, Snowflake, Databricks
DevOps & Cloud	AWS, Ansible, Firebase, Docker, Kubernetes, Kong API Gateway, Nginx, HAProxy, SMPP, Redis, Kafka, RabbitMQ, CI/CD Actions, Jenkins), DNS Management
System Design & Architecture	Microservices, Monolithic architectures, Serverless (AWS Lambda), Event-driven systems, High-availability systems, U Draw.io
Project Management & Tools	Git & GitFlow, Agile Methodologies (Scrum, Kanban), Jira, ClickUp, Trello

Work Experience

BluEye AI   *Tel Aviv, Israel*

FULL STACK DEVELOPER   *01/2025 - Present*

- Developing and maintaining core frontend and backend services for an AI assistant platform enabling businesses to create and deploy AI-powered Assistant bots on WhatsApp, Telegram, and the web.
- Building integrations with CRM systems, calendars, and other third-party tools to enhance the functionality of AI assistants.
- Implementing features for knowledge base management, allowing businesses to train AI assistants using proprietary data.
- Optimizing platform support for multiple AI base models, including ChatGPT, Claude, and LLaMA, ensuring seamless performance and adaptability.
- Collaborating with cross-functional teams to deliver scalable solutions supporting thousands of users and improving platform usability.
- Integrated Auth0 for secure and scalable authentication across the platform.
- Enhancing data security and privacy compliance to meet international standards, fostering trust with global clients.

BlueDot. Co., Ltd.

Tel Aviv, Israel

FULL STACK DEVELOPER

05/2023 - 12/2024

- Developed both frontend and backend services for AI tax compliance platform serving Fortune 500 clients including Amazon, Dell, and GSK
- Developed presentation layer and AI extractor integration endpoints processing 100K+ documents monthly with 92% accuracy
- Implemented data visualization components reducing manual tax analysis time by 10%
- Engineered microservices architecture using Angular and MongoDB handling 1K+ daily API requests
- Optimized page and network load by up to 10 seconds on average
- Optimized DB Query load time by migrating to analytical DB, snowflake
- Collaborated with cross-functional teams across 5 countries (Israel, Ukraine, Armenia, Philippians, Ethiopia) to deliver new features quarterly

Alet Systems

Addis Ababa, Ethiopia

FOUNDER

06/2023 - Present

- Led development of 'rmaster', an AI-powered recruitment platform, implementing a CV analysis system that reduced application processing time from months to hours
- Developed an AI-powered recruitment platform leveraging distributed architecture to process thousands of CVs with 90% accuracy, utilizing cloud services and optimization techniques
- Achieved 80% cost reduction through strategic OpenSource LLM integration, enabling seamless compatibility with Falcon 7b, Hormus, and GPT models
- Engineered and deployed a dynamic CV grading system that achieved 90% accuracy in matching candidates to job requirements
- Architected and implemented a comprehensive recruitment dashboard using Laravel and MySQL, resulting in 200% improvement in hiring process efficiency
- Implemented event driven architecture using python, Redis to handles 100+ of CV per minutes

Startup Agile

Atlanta, USA

FULL STACK DEVELOPER

09/2022 - Present

- Women's Health App: Developed features for advanced women health tracking app, utilizing Flutter, TypeScript, and PostgreSQL, and improved app performance by 30% using flutter optimization techniques. Wrote a blog about the techniques
- Panda: Architectural booking engine connecting hundreds of mechanic shops nationwide using AWS Lambda, DynamoDB, and Flutter. Worked as sole developer on the entire project
- PrEPSmart: Developed HIV/AIDS Experimental medication tracking app with advanced analytics and scheduling and alarms
- Optimized app performance resulting in 20% reduction in load time and improvement in user retention

ArifPay

Addis Ababa

FULL STACK DEVELOPER

02/2021 - 02/2023

- Built payment gateway processing 500K weekly transactions worth 35,000 USD using Spring Boot microservices
- Developed mobile and web dashboards used by 1000+ merchants, increasing payment processing efficiency
- Named MVP of the project for exceptional effort in system design and backend implementation
- Solely created the documentation page using Docusaurus and SDKs that resulted in 100% faster integration for developers
- Handled deployment, CI/CD, DNS management and network infrastructure
- Payouts, Transfers, Airtime top ups, and Utility Payments: Facilitated various types of financial transactions through the platform

Aquila ICT Solutions

Addis Ababa

LEAD DEVELOPER

02/2020 - Present

- Led the development team in creating platforms, systems, and web/mobile applications by defining technical requirements, designing scalable systems, and overseeing project execution
- Enhanced team performance and streamlined workflows, contributing to the company's strategic objectives through effective technical leadership and project management
- Engineered payment aggregator integrating multiple payment providers, processing 10K transactions Quarterly
- Optimized scalability and performance using AWS services by 80%
- Automated provisioning, configuration management, application deployment, orchestration by implementing Ansible, increasing productivity by 120%
- Built SMS gateway platform handling over 500,000 daily requests with 99.9% delivery rate
- Sent over 30 million SMS in first year of launch
- Developed on demand platforms including doctors second opinion app, podcast app and monetization platform for creators

Shega

Addis Ababa, Ethiopia

FULL STACK DEVELOPER

08/2019 - 2022

- Developed news aggregator increasing published articles by 300% through automated content collection
- Implemented SEO optimizations resulting in 700% increase in organic traffic, achieving over 500,000 monthly clicks and monthly output surpassing 7 million impressions
- Created payment tracking system processing 100+ monthly invoices with 100% accuracy

KnovusLab

Addis Ababa, Ethiopia

CO-FOUNDER

06/2018 - Present

- Built music streaming app serving up and coming artists
- Implemented real-time location tracking system with minimum latency
- Developed on demand platforms including doctors second opinion app, podcast app and monetization platform for creators

Projects

AI Tax Compliance Platform

Blue Dot

Full Stack Engineer

Current

Developed enterprise-scale AI tax compliance platform serving Fortune 500 clients including Amazon, Dell, and GSK. As part of the development team, I collaborate on building and maintaining our cutting-edge platform. I am excited about my job because it showcases how data, often considered mundane, can be structured in ways that save companies substantial value.

Modern Payment Gateway

FenanPay

Principal Software Architect

2022

FenanPay is a modern payment gateway / processor. I worked as principal software architect. In system design, requirement engineering, devops (deployment, CI/CD, AWS architecture, NAT, API Gateway, Bare Metal architecture, IPSec Configuration. Architected and developed 5 payment service provider microservices primarily using go lang. Worked as project manager, grooming and creating stories. I have created over 1000+ tickets, set and executed milestones. Lead and followed up on the team. Also created the interactive documentation page using react and SDKs that resulted in 100

Asset Management Platform

Vanguard

Angular Developer

2021

Worked as an Angular Developer on the Health Plan Project at Vanguard, the world's second-largest asset management firm with trillions of dollars in assets under management. My responsibilities included maintaining and enhancing shared components, visualizing analytics for actionable insights, improving page performance for an optimized user experience, and migrating services from legacy systems to modern frameworks.

Enterprise SMS Gateway

GeezSMS

Lead Developer

2020

Spearheaded the development and design of a Large Enterprise SMS Gateway capable of processing 500,000 SMS messages daily, with an annual volume projection of 180 million SMS. This project was independently developed, encompassing backend, frontend, and SMPP microservices, all engineered with a focus on high scalability and availability to meet enterprise-grade performance requirements.

Women's Health Tracking Application

OurSelf

Flutter and NodeJS Developer

2020

Developed a women's health tracking app as a Flutter and Node.js Developer for a Silicon Valley startup. Gained expertise in large-scale app development, system design, and optimizing performance. Worked with TypeORM, PostgreSQL, TypeGraphQL, and TypeScript, handling complex data structures effectively.

Service Contract Bid Management System

GSA

Angular Developer

2020

Served as an Angular Developer for the Service Contract Bid Management System, a project under the U.S. Government Services Administration (GSA) enabling vendors to submit bids for government tenders. Focused on enhancing user experience, including developing dynamic, user-friendly forms using Formly for seamless bid submissions.

Certificates & Training

2020	**Certified Expertise in Cloud Services and AI (Microsoft Azure),** Developed Brihan, a sign language digit recognition app using image classification	*Microsoft 4Afrika*
2020	**Introduction to Web Programming in Python,** Achieved distinction in advanced web programming with Django and Flask	*Microsoft 4Afrika & Gebeya Inc.*
2021	**CyberTalents CTF Training,** Focused on competitive and practical cybersecurity challenges	*CyberTalents*
2019	**First Place – Solve-It Competition,** Awarded for innovative solutions in the 2019 competition	*Solve-It Competition*