



RABUMA A. BEKELE

FULL STACK DEVELOPER

CONTACT

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📍 Bachstrasse 19 8912
Obfelden Zurich,
Switzerland

Born: 03.10.2006
Nationality: Ethiopian

🌐 [Portfolio](#) | [Linkedin](#) | [GitHub](#)

EDUCATION

Jan 2026 - May 2028
University of the People

- Bachelor of Science
Computer Science

PROFILE

Full Stack Developer specializing in AI/LLM-integrated applications in the Fintech domain. Proficient in Node.js/Express and React/Next.js, with expertise in API integration and building robust DevOps pipelines (Docker, CI/CD). Highly motivated and fast learner with strong problem-solving skills, a focus on clean, maintainable code, and a collaborative mindset, thriving on challenging and innovative projects.

WORK EXPERIENCE

Hewlett Packard Enterprise

Oct 2025 - Oct 2025

Software Engineer Intern

- Developed a Spring Boot REST API with CRUD operations, JSON handling, and thread-safe logic using AtomicLong.
- Achieved 100% test coverage with 22 JUnit/Mockito tests and integrated Gradle for automated builds and deployments.

J.P Morgan

Sep 2025 - Sep 2025

Software Engineer Intern

- Built a Spring Boot microservice with Kafka, H2, and JPA/Hibernate for async processing and data handling.
- Developed REST APIs with external integrations and added transaction validation following microservice best practices.

Seeno AI

March 2025 - Aug 2025

Founder, Developer

- Founded [Seeno AI](#) and developed core platform features, including landing pages, service sections, and contact tools.
- Designed and developed AI-powered automation solutions to help businesses improve efficiency and streamline workflows.

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CERTIFICATE

- Meta
- [Full Stack Software Engineer](#)
- Amazon Web Service (AWS)
- [AWS Cloud Solution Architect](#)
- UC San Diego
- [Data Structures and Algorithms](#)
- Harvard University
- [CS50: Introduction to Computer Science](#)
- Google
- [IT Automation with Python Specialization](#)
 - [IT Support](#)
- FreeCodeCamp
- [Backend Development and APIs](#)
 - [JavaScript Algorithms and DS](#)
 - [Responsive Web Design](#)
- University of Helsinki
- [Elements of AI](#)

LANGUAGE

- English (Fluent)
- German (Basics)
- Amharic (Native)
- Oromo (Native)

HOBBY

- Drawing
- Football

PROJECT

AI Finance Tracker Live Demo GitHub	Jul 2025 - Oct 2025
Full-stack financial platform using Nordigen for secure bank linking and AI categorization , delivering real-time analytics, budgeting, AI guidance, and Stripe subscriptions .	
<ul style="list-style-type: none">• Engineered Nordigen API integration for automated transaction fetching via OAuth 2.0 flows. Used Express.js to normalize data before AI categorization for spending insights.• Developed budgeting logic and analytics endpoints for visual insights and Resend notifications. Integrated OpenRouter LLM API via a chat interface for financial guidance.• Engineered full-stack architecture utilizing JWT/bcrypt authentication and Stripe billing. Developed the REST API with Node.js/Express and MongoDB for persistence.	
Chrome AI Assistant Live Demo GitHub	Sep 2025 - Oct 2025
Manifest V3 Chrome Extension for multi-source extraction (DOM, PDF, OCR), delivering AI-powered, real-time Q&A with voice input, launched on the Chrome Web Store .	
<ul style="list-style-type: none">• Engineered multi-source extraction (DOM, pdf-parse, Tesseract.js OCR) with sub-5s latency. Utilized Node.js/Express and Manifest V3; integrated Sharp for image processing• Optimized OpenRouter LLM integration via content prioritization, achieving 70% higher accuracy, 30% faster responses, and 40-60% reduction in token usage.• Designed privacy-first architecture (local processing, zero data retention) and CI/CD pipeline (GitHub Actions/Docker) for secure deployment to the Chrome Web Store.	

TECH STACK

- **Frontend:** React, Next.js, Tailwind, HTML, CSS
- **Backend:** Node.js, Express.js, Django, Flask
- **Database:** MongoDB, MySQL, PostgreSQL, SQLite
- **Languages:** JavaScript/TypeScript, Python, Java
- **DevOps:** Docker, CI/CD (GitHub Actions / GitLab CI)