



# RABUMA A. BEKELE

## FULL STACK DEVELOPER

### CONTACT

- 📞 +41 76 630 43 34
- ✉️ [iamrabuma@gmail.com](mailto:iamrabuma@gmail.com)
- 📍 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

Jul 2025 - Oct 2025

[Live Demo](#) | [GitHub](#)

Full-stack financial platform using **Nordigen** for secure bank linking and **AI categorization**, delivering real-time analytics, budgeting, AI guidance, and **Stripe subscriptions**.

- 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

Sep 2025 - Oct 2025

[Live Demo](#) | [GitHub](#)

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**.

- 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)