

Natnael Tadele Denbi

Senior Full-Stack Software Engineer

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PROFILE

Senior Full-Stack Software Engineer with **4 years of experience** designing, building, and scaling **production web and mobile systems** for startups and international clients. Strong track record of **owning features end-to-end**, improving system performance, and delivering reliable software used by thousands of users in live environments. Experienced in remote collaboration and independent delivery.

RELEVANT EXPERIENCE

Upwork — Senior Full-Stack Software Engineer (Freelance) 10/2023 – Present | Remote
Delivered production systems for international clients across consumer, SaaS, and enterprise domains. Trusted to independently design, implement, and deploy features in live environments.

Elunic (Germany) - Enterprise Software Systems

- Improved document search performance by **~92%** by replacing SQL LIKE queries with **BM25 and vector-based search**
- Reduced system latency through **caching strategies and query optimization**
- Designed and implemented **AI-powered features** for internal tools and client-facing enterprise applications
- Promoted to Lead Developer:** set technical direction for the workstream, reviewed code, and coordinated delivery with the in-house engineering team inside an established enterprise codebase

Starntop (USA) - KiwiKrave

- Led development of a **multi-platform food ordering ecosystem**, including customer mobile applications, merchant dashboards, self-service kiosks, and kitchen display systems (KDS)
- Architected and owned **backend APIs and core business workflows** supporting real-time restaurant operations
- Integrated **on-demand delivery relay services**, enabling third-party logistics for merchants
- Delivered stable, production-ready systems supporting daily operations for restaurants and serving **1000+ users**.

QuickSync , Software Developer 03/2024 – 10/2025 | Dubai, UAE

- Built and maintained a **high-traffic inventory synchronization platform** serving **10,000+ active users**
- Reduced critical API execution time by **52%** through concurrent processing and backend optimization
- Integrated major e-commerce and POS platforms including **Shopify, Amazon, Etsy, Square, eBay, and Clover**
- Supported merchants operating across multiple sales channels with reliable, near-real-time synchronization

Africa to Silicon Valley (A2SV) , Head of Education 12/2022 – 03/2024 | Addis Ababa, Ethiopia

- Led and mentored 15 undergraduates in **Python, data structures, algorithms, and Flutter** as Head of Education at A2SV, a **Google-backed** academy

PROJECTS

Lead Engineer (SaaS Product) , Adify-AI 04/2025 – Present | Addis Ababa, Ethiopia

- Built an **AI-driven Shopify SaaS** with **LLM-powered automation** and **video generation pipelines**
- Optimized **AI cost and latency**; owned backend APIs, billing flows, and core architecture

Full-Stack Developer , RateEat 04/2021 – 08/2021 | Addis Ababa, Ethiopia

- Built the **initial Node.js backend MVP** for a restaurant discovery platform
- Platform grew to **920+ users, 420+ restaurants, 5,970+ reviews, and 15,880+ dishes**

EDUCATION

Bsc Software Engineering, Addis Ababa University 10/2019 – 06/2024 | Addis Ababa, Ethiopia

Competitive Programming - Data Structures & Algorithms 12/2022 – 08/2023 | California, United States
Africa to Silicon Valley (A2SV)

SKILLS

Technical Skills

- Languages & Frameworks:** Python, JavaScript/TypeScript, Dart, Node.js, Django, Flask, NestJS, React.js, Next.js, Flutter
- Databases:** PostgreSQL, MongoDB, MySQL, Supabase, Firebase
- Cloud & DevOps:** Docker, Kubernetes, AWS (EC2, S3, CloudFront, Lambda), DigitalOcean
- Tools & Workflow:** Git, CI/CD, API design, Microservices architecture, Agile/Scrum

Soft skills

Team Leadership, Project Management, Communication, Problem Solving, Collaboration