

Natnael Abrham

Software Developer

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SUMMARY

Dedicated Software Developer with a proven track record of designing and scaling web applications. Expertise in **Python & Node.js** backend development using **Django, Flask, and FastAPI**, with a focus on **high-performance RESTful APIs** and cloud integrations. Committed to continuous learning and driving impactful results.

PROFESSIONAL EXPERIENCE

Freelance Software Developer 04/2022 – Present | Remote

- Top Rated Software Developer (Upwork - since 2024), Level 2 Freelancer (Fiverr)
- Completed over 30 projects for diverse clients, from Fullstack development, bug fixes to app deployment and cloud management.
- Optimized performance and developed backend solutions in Python, Node.js while troubleshooting complex issues and meeting tight deadlines.

Backend Engineer, Haron Computer 02/2025 – 09/2025
Addis Ababa, Ethiopia

- Designed custom Frappe apps and modules tailored to unique client workflows
- Built dynamic reports and dashboards for realtime business insights.
- Collaborated closely with cross-functional teams to gather requirements and translate them into technical solutions

Django Developer & Web Scraping Engineer - (Part-time, Remote), Optymize 11/2024 – 04/2025 | Netherlands

- Built a scalable Django backend for an e-commerce platform, for content planning and automation.
- Optimized celery workers to handle multiple tasks efficiently, reducing server costs and improving processing speed.

Python Developer - (Remote), Endgn 12/2023 – 03/2024 | Australia

- Built a SaaS platform to automate content creation and scheduling for social media creators.
- Automated tasks with custom scripts, reducing costs by eliminating third-party services.

CERTIFICATES

- AWS Certified Solutions Architect - Associate
- AWS Certified Cloud Practitioner
- APIs

EDUCATION

AWS Cloud Computing, ALX Ethiopia 06/2024 – 02/2025
Addis Ababa, Ethiopia

Committed 9 months to learning AWS Cloud Computing, gaining hands on experience through multiple projects.

Accounting & Finance, TOP College 2018 – 2020 | Dire Dawa, Ethiopia


PROJECTS

Echo - A Fullstack Chat Application, 2024
Technologies: Django, Django-Channels, Docker, HTMX
Live Demo: <https://echo-bmt4.onrender.com>
Github: <https://github.com/natnaelab/echo>

Developed a Fullstack Chat application with features including Chat rooms, User profiles, Authentication & Authorization

Hardware Store Inventory System,
Technologies: FastAPI, HTMX, LDAP

2025

- Built a custom **inventory management platform** from scratch using FastAPI and HTMX, delivering a fast, lightweight system tailored to end-to-end store operations.
 - Integrated **Active Directory authentication** with role-based access control, ensuring secure, seamless user management and maintainable scalability.
- Github: <https://github.com/natnaelab/inventory-htmx-fastapi> 

E-Commerce API,
Technologies: Django, Django REST Framework, Docker

2024

Developed a scalable e-commerce backend API with features like user authentication, product management, and checkout functionality.

SKILLS

Databases

PostgreSQL, MySQL, MongoDB, Redis

Cloud & DevOps

AWS (Certified), EC2, S3, Lambda, RDS, DynamoDB, CloudFormation

Languages & Frameworks

Python, JavaScript, Node.js, Django, Flask, React.js

Tools & Automation

Celery, Docker, Git, CI/CD