

Eyasu Hailegebriel

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SUMMARY

I am a dedicated software engineer with a passion for advancing technology through innovation and problem-solving. My professional expertise lies in developing robust web-based solutions, with extensive experience as a backend, DevOps, and full-stack developer. However, my true enthusiasm lies in exploring the frontiers of embedded systems, robotics, and cyber-security, where I actively seek to deepen my knowledge and contribute meaningfully.

KEY COMPETENCIES

FastAPI	PostgreSQL	Vue	Git
Express	MariaDB	Nuxt	Docker
NodeJS	MySQL	TailwindCSS	EC2
Python	Supabase	TypeScript	Lambda

PROFESSIONAL EXPERIENCE

MMCY

Jan 2024 - Present

Software Engineer

- Developed and optimized Telegram bots, supporting seamless communication for users and reducing response times by through automated workflows.
- Developed and maintained applicant tracking and HR management systems, streamlining recruitment processes for 200+ hires annually and integrating secure data handling to mitigate compliance risks.
- Conducted penetration testing on web applications, identifying and remediating 15+ vulnerabilities to enhance system security and prevent potential data breaches.
- Orchestrated CI/CD pipelines for bots and web apps, accelerating deployments and enabling zero-downtime updates across different production environments.
- Developed web scraping and crawling tools, aggregating intelligence on 1,300+ companies to inform business strategies and generate actionable insights for market expansion.

MMCY

Jul 2023 - Oct 2024

Technical Recruiter

- Interviewed different technical candidates.
- Prepared different assessment exams.
- Defined job descriptions, screened resumes and shortlisted candidates.

CoffeeGo Ethiopia

July 2020 - Jan 2022

Full-stack Developer

- Developed, Deployed and maintained fully functional web application.
- Developed a Telegram bot based system to manage sales and discounts.

Prime Bridge Academy

Dec 2021 - May 2021

Embedded System Developer

- Designed and assembled an Arduino-based LED display system for a periodic table teaching aid, creating PCB layouts and custom LED schematics using MAX7219 multiplexing, Arduino Uno, and Bluetooth modules programmed individual element, group and dynamic LED sequences.
- Developed mobile and desktop applications to wirelessly control the LED system, enabling interactive lighting modes and enhancing the teaching and learning experience.