Yohans Hailu Kasaw

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Full Stack Software Engineer with 4+ years of experience developing high-performance web applications using Python, Django, and Vue.js. Proven track record in designing scalable architectures and delivering well-crafted, maintainable code. Exceptional problem solver ranked in the top 2.5% on LeetCode. Adaptable and eager to learn new techniques, with excellent communication skills in English. Open to global opportunities and challenges.

Education

Addis Ababa University | Computer Engineering
Graduated: 06/2021
- GPA: 3.79, Top 4% of class.

A2SV | Competitive Programming
10/2021 - 09/2022
- Mastered data structures and algorithms, utilizing Python to engineer robust and efficient software solutions.
- Achieved Top 2.5% LeetCode ranking by solving over 1,000 algorithmic challenges, showcasing exceptional problem-solving skills.

Experience

OwlBox AI | Full Stack Software Engineer
04/2023 - Present
- Led the development of an AI-driven video annotation platform using Vue.js and Vuex, enhancing user responsiveness and interface by 30%.
- Engineered a scalable backend with Python and Django, implementing RESTful APIs and ensuring optimal performance and reliability.
- Integrated Celery for asynchronous task management, improving task processing speed by 25%. Managed CI/CD pipelines with GitHub Actions for seamless AWS deployments.

Africa to Silicon Valley | Software Engineer
06/2021 - 04/2023
- Developed HakimHub's frontend using Vue.js and TypeScript, facilitating real-time notifications and enhancing user engagement.
- Architected and scaled backend services for RateEat using Django, hosted on GCP with PostgreSQL and Redis, contributing to a 40% increase in system scalability.
- Coordinated with cross-functional teams to develop web applications across various platforms, managing testing and implementing software enhancements.

Eskalate | Software Engineer Intern
12/2020 - 07/2021
- Developed and maintained web applications using Python, Django, and various Python libraries, focusing on code quality and maintainability.
- Implemented testing frameworks and managed CI/CD pipelines, reducing bug rates by 15% and improving software quality.

Projects

EzyPay
- Enhanced mobile payment system efficiency in Ethiopia by developing backend services using Python and Django.
- Improved transaction processing speed by 20% and ensured system scalability to handle increasing user demands.

RateEat
- Developed a dynamic restaurant rating platform with Vue.js, improving user interaction and engagement.
- Implemented backend services with Django, ensuring optimal performance and responsiveness of the application.

Skills

- Programming Languages: Python, JavaScript, TypeScript, Go, C++
- Frameworks & Libraries: Django, Vue.js, Vuex, Nuxt.js, Flask, FastAPI
- Web Technologies: HTML5, CSS3, RESTful APIs, GraphQL, WebSockets
- Python Libraries & Toolkits: Celery, NumPy, Pandas, SQLAlchemy
- Databases: MySQL, PostgreSQL, MongoDB, Redis
- DevOps & Cloud: AWS (Lambda, S3, EC2, RDS), Docker, Kubernetes, GitHub Actions, Jenkins
- Soft Skills: Excellent communication, teamwork, adaptability, and problem-solving

Achievements

- Top 2.5% on LeetCode, demonstrating exceptional problem-solving abilities in Python.
- Won $1,000 in A2SV Month-Long Coding Competition, exhibiting dedication and coding excellence.