

SURAFEL WORKAYEHU TEREFE

Software Engineer

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EDUCATION

Addis Ababa University <i>BSc in Software Engineering CGPA: 3.73/4.0</i>	Jun 2021 – Jun 2025 <i>Addis Ababa, Ethiopia</i>
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Artificial Intelligence, Machine Learning, NLP, Compiler Design, Database Systems, Software Architecture, Distributed Systems	
Africa to Silicon Valley (A2SV) <i>Coding Bootcamp</i>	Feb 2023 – Nov 2023 <i>Addis Ababa, Ethiopia</i>
- Received intensive training in Data Structures, Algorithms, competitive programming, and technical interview preparation. - Collaborated on team-based engineering projects while practicing peer code reviews and clean software design principles.	

EXPERIENCE

elunic AG <i>Full-Stack Developer (Part-Time)</i>	Oct 2025 – Present <i>Berlin, Germany (Remote)</i>
- Contributed to the development and maintenance of industrial software systems built with Nx, TypeScript, NestJS, React, and Python. - Worked across multiple parts of the platform, including customer-specific software installation, configuration, and production environment maintenance. - Improved maintainability and scalability within a monorepo architecture by contributing reusable modules and shared services. - Collaborated with cross-functional teams to troubleshoot deployment and integration issues for customer environments. Nx, TypeScript, NestJS, React, Python, Docker, GitHub Actions	
Aladia <i>Software Engineer (Backend Heavy)</i>	Apr 2024 – Mar 2026 <i>Brescia, Italy (Remote)</i>
- Developed core platform features from scratch, improving functionality and scalability for more than 100k users. - Integrated Redis-backed WebSocket architecture for real-time communication across 8+ microservices. - Built and maintained CI/CD pipelines for 100+ deployments, reducing manual verification efforts by 50%. - Collaborated closely with developers and product teams while mentoring junior developers and conducting code reviews. Redis, WebSockets, NestJS, Microservices, GitHub Actions, Python, JavaScript, TypeScript, MongoDB	
Addis Ababa University <i>Full-Stack Developer Intern</i>	Feb 2024 – Jun 2024 <i>Addis Ababa, Ethiopia</i>
- Developed full-stack applications using ASP.NET Core and Angular, delivering scalable and maintainable features. - Designed and implemented RESTful APIs in C#, integrating frontend and backend systems with a focus on clean, maintainable architecture. - Built real-time notification services using SignalR, improving platform responsiveness and user engagement. - Integrated backend services with PostgreSQL and Dockerized development environments for streamlined deployment and testing. ASP.NET Core, C#, Angular, PostgreSQL, Docker, SignalR, Entity Framework Core	

PROJECTS

CSBSN (Community Small Business Support Network) <i>Next.js, NestJS, Redis</i>	Jan 2025 – Jun 2025
- Led a team of 4 developers to build a decentralized platform supporting small business fundraising and community impact tracking. - Designed and implemented scalable backend services and real-time features using NestJS and Redis. - Managed the project lifecycle from requirements gathering and architecture design to deployment and testing.	

TECHNICAL SKILLS

Languages: Python | JavaScript | TypeScript | Java | C# | SQL (Postgres) | PHP | HTML/CSS
Frameworks: Node.js | React | FastAPI | Express.js | NestJS | Next.js | Angular | Flutter | LangChain | LangGraph
Tools & Technologies: Nx | Redis | Docker | GitHub Actions | Git | Google Cloud Platform | Linux | WebSockets | Microservices | REST APIs | CI/CD

ACHIEVEMENTS

- Solved **500+** algorithmic problems on LeetCode | [Profile](#)
- Ranked among the top scorers in the Ethiopian University Entrance Examination | [Link](#)