

YAFET ZEKARIYAS

Electrical and Computer Engineer | software engineer

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Addis Ababa, Ethiopia



SUMMARY

Results-driven Electrical and Computer Engineer specializing in Electronics, with a comprehensive background as a self-taught Full Stack Developer. I bridge the gap between hardware and software by integrating expertise in cybersecurity and data analysis with a current specialization in Machine Learning, Deep Learning, and Data Science. A collaborative professional with a proven ability to lead and communicate effectively within cross-functional teams and remote environments. I am dedicated to building secure, data-driven, and scalable technical ecosystems.

EDUCATION

Arba Minch University (AMU)

Bachelor of Science in
Electrical and Computer Engineering Specialization:
Electronics Stream 2021 – 2025

SOFT SKILLS

- Critical Thinking
- Communication
- Teamwork/Collaboration
- Problem-Solving
- Creativity/Innovation
- Decision-Making
- Self-Awareness
- Emotional Intelligence

CERTIFICATION

- ALX Software Engineering – Backend Development
- ALX Software Engineering – Frontend Development
- ALX Data Analytics
- ARBA MINCH UNIVERSITY CHARITY CLUB

PROFESSIONAL EXPERIENCE

ENNLIT TECHNOLOGY – INTERN

Full-Stack Developer & Project Leader | July 2024 – November 2024

- Led a small development team in planning, executing, and delivering full-stack web projects
- Coordinated task assignments, timelines, and feature implementation to ensure on-time delivery
- Designed and developed frontend and backend components using modern web technologies
- Implemented and integrated RESTful APIs to support application functionality
- Contributed to SaaS product development with a focus on scalability and maintainability
- Collaborated closely with designers and senior developers in an agile development environment

TECNO MOBILE – INTERN

Web Developer | June 2024 – July 2024

- Developed responsive and user-friendly web applications
- Integrated backend services and third-party APIs into web platforms
- Supported SaaS product development and feature enhancements
- Assisted in testing, debugging, and deploying web applications
- Collaborated with team members to improve performance and code quality

TECHNICAL SKILLS

Programming Languages & Frameworks

- Python, JavaScript, TypeScript, Node.js, Django, React.js, Next.js

Frontend Development

- HTML5, CSS3, Tailwind CSS, responsive UI development, state management

Backend Development

- RESTful API design, server-side logic, database management, authentication & authorization

Cybersecurity & Penetration Testing

- Vulnerability assessment, penetration testing, secure coding practices
- Tools: Burp Suite, OWASP ZAP, Metasploit, Nessus, Nmap, Wireshark, Postman

AI & Data Analysis

- Machine learning model development, data preprocessing, data visualization, statistical analysis, Python libraries: Pandas, NumPy, Scikit-learn, Matplotlib, TensorFlow, PyTorch

ETHIO TELECOM – INTERN

IT & Network Support | July 2023 – August 2023

- Assisted in network administration, configuration, and routine maintenance of IT infrastructure
- Provided technical support for hardware, software, and connectivity-related issues
- Supported basic cybersecurity tasks, including system monitoring and incident reporting
- Helped document IT assets, network configurations, and support activities

ARBA MINCH UNIVERSITY TECHNO CLUB – MEMBER

Technology & Innovation Club | 2022 – 2025

- Actively participated in technology, innovation, and practical learning initiatives
- Collaborated with peers on software development and technical problem-solving activities
- Engaged in workshops, training sessions, and campus-based tech projects

ARBA MINCH UNIVERSITY CHARITY CLUB – MEMBER

Community Service & Volunteer Work | 2023 – 2025

- Actively participated in community service and charity initiatives supporting people in need
- Collaborated with diverse teams to plan and deliver outreach and support programs
- Contributed time and effort to social impact projects, strengthening teamwork and leadership skills
- Demonstrated commitment to social responsibility, empathy, and community engagement

SOFTWARE KNOWLEDGE

Development Tools

- Visual Studio Code, Git, GitHub, Anaconda, Jupyter Notebook, KiCad, Arduino IDE, Proteus

UI/UX & Design Tools

- Figma (UI/UX design, wireframing, prototyping)

Databases & Data Handling

- Relational & NoSQL database management, data modeling

Collaboration & Communication Tools

- Slack, Notion, Google Meet, Zoom, Discord