

Biruk Mesfin *Software Engineer*

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PROFILE

Motivated junior software engineering student with a resilient background from a small Ethiopian village, I'm driven to revolutionize Ethiopia's economic and technological landscape through digital solutions. Overcoming educational challenges has fueled my determination to uplift my country. I plan to immerse myself in a community where I can contribute my best efforts to create opportunities and give back to Ethiopia. I aspire to gain valuable work experience, realizing my dream of becoming a successful software engineer while fostering effective communication skills.

EDUCATION

Addis Ababa Science and Technology University [↗](#) Jul 2020 – Jul 2025 | Addis Ababa, Ethiopia
Bachelor of Science in Software Engineering

- **CGPA:** 3.51 / 4.00
- **Course Work:** Computer Architecture, Data Communication, Machine Learning & Artificial Intelligence, Mobile & Web Development, Operating System, Object Oriented Programming, System Design, Software Requirement Specification

Africa To Silicon Valley (A2SV) Coding Academy - Backed by Google [↗](#) Nov 2022 – present | Addis Ababa, Ethiopia
Tech Internship Preparation Program

- A2SV placed 70+ students at top-tech companies such as Google, Bloomberg, Databricks, Amazon, LinkedIn and Square ever since its establishment.
- The one year intensive training helped me solve 700+ problems on leetcode and codeforces
- **Focus:** *Data Structure & Algorithms, Problem Solving, Software Development, System Design and Technical Communication.*

PROFESSIONAL EXPERIENCE

Product Manager Intern Jun 2023 – Aug 2023 | Addis Ababa, Ethiopia
Eskalate LLC [↗](#)

- Lead Product Manager for A2SV Project Phase **Spark Tank**, a dynamic platform connecting entrepreneurs with investors to pitch and facilitate investments aligned with their goals.
- Led a 5-member team in defining product goals, visions and roadmaps, interviewing entrepreneurs and investors for clear product requirements, and researching the competitive market to identify target users.
- Collaborated cross-functionally to optimize web design and user experience, iteratively refining the design for a user centric approach resulting in a 20% increase in user satisfaction.

PROJECTS

The Architect [↗](#) Aug 2023 – Nov 2023
A2SV Generative AI Hackathon Project

- A finely tuned AI-powered platform assisting architects from idea generation to final design developed by team of 5. As a data analyst, designer, and content creator, I construct architectural knowledge to support efficient design procedures.
- Developed using React/NextJS for UI, Redux for state management, FastAPI/NodeJS for API, MongoDB/MySQL for databases, and AI models including ChatGPT, DALL-E, Stability.ai, MirageML to enhance our capabilities.
- Received a **\$2500 award for Best Technical Implementation** in developing an AI-powered architectural platform. [↗](#)

CERTIFICATES & ACHIEVEMENTS

- Solved 500+ leetcode problems on topics like linked lists, stack, trees, graphs, dynamic programming, etc [↗](#)
- Best Technical Implementation Winner - A2SV Generative AI for Africa Hackathon 2023 [↗](#)
- Top 15 - The 2023 ICPC Ethiopian Collegiate Programming Contest [↗](#)
- Active Participation - The 2023 OBSS CodeMaster Competition [↗](#)
- Certification of Participation - Reply Code Challenge 2024 [↗](#)

SKILLS

Programming Languages — C++, Java, Javascript, PHP, Python • **Frameworks and Tools** — Git, Github, MySQL, NextJS, ReactJS • **Content Creation and Designing** — After Effect, Canva, Capcut, Illustrator • **Soft Skills** — Effective Communication, Leadership, Public Speaking, Time management, Team work