

Fetsum Abyu

Software Engineer

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[Linkedin](#) / [Leetcode](#) / [GitHub](#)

PROFILE

Motivated and inquisitive Software Engineer who has solved about 700 LeetCode problems, with a passion for software development and problem-solving. Actively seeking opportunities at top tech companies to enhance skills further, contribute to innovative projects, and find solutions to real-world problems.

EXPERIENCE

Software Engineering Intern – *Oct 2023 - Feb 2024*

[Eskalate](#) / Accra, Ghana

- Project leader for the EasyListing project
- Worked closely with the product & UI/UX team
- Mobile team member
- Flutter, Jira, Slack, Git & Github, Clean architecture, CI/CD

Head of Education – *Aug 2022 - Oct 2023 & Feb 2024 - Present*

[Africa to Silicon Valley](#) / Addis Ababa / Full-time

- Delivered lectures on DSA & Competitive programming using Python
- Led a team of 10 backend developers
- Node.js | Flutter | Google excel sheets | Python scripts | RESTful APIs
- Firebase | MongoDB | MySQL

EDUCATION

Software Engineering Coding Academy – *Dec 2020 - Oct 2021*

[Africa to Silicon Valley](#)

- A2SV participant, a program that up-skills high-potential African students.
- A2SV achieved **70% success in 2022 Google Software Engineering interviews.**
- Led a team of 10 backend developers for the Atrons project
- **Promoted to** Head of Education at **A2SV.**

Electrical and Computer Engineering – *Sep 2019 - June 2024*

[Addis Ababa University](#)

- **Addis Ababa University:** Ranked **1st in Ethiopia and 6th in Africa**
- **Relevant Courses:** OOP, Digital Logic Design, Database, Data Structures and Algorithms, Computational Methods, Applied Mathematics

PROJECTS

[ATRONS](#), Learning Together

- Led a team of 10 backend developers, in creating Atrons application using Node.js, focusing on enhancing the user experience for students.
- Resulted in faster loading times, smoother interactions, and improved api performance.

- Awarded first place in a Competition by [prof. Jelani Nelson](#) and [Ricardo Baeza-Yates](#).

Bazar, Services You Trust, Products You Love!

- Project Leader and Backend Team Member
- Node.js | MongoDB | OpenAI AP | Embeddings
- Implemented two types of chatbots utilizing the OpenAI API:
 - Personal Listing Assistant Chatbot for product listings
 - Product Recommendation Chatbot using embeddings for tailored suggestions

SKILLS

Technical Skills:

- Python | HTML (HTML5) | CSS (CSS3) | JavaScript | C++ | TypeScript | SQL | Django | Bootstrap | Node.js | Express | Mongo DB | MySQL | REST | Api Design | Flutter | Java | Slack | Jira | Git | GitHub | Bitbucket | Postman | Unit Testing | Integration Testing | relational database | non-relational database | algorithm design

Soft Skills:

- Teamwork | Leadership | Growth Mindset | Quick Execution | Strategy | Writing | Communication skills | Collaborate | Decision Making | Continuous Learning | Compliance | Collaborative

INTERESTS

I highly enjoy:

- Problem-Solving and Competitive programming (Solved over 700 problems on [Leetcode](#))
- Morning runs (Run over 12 kilometers every weekend)
- Hiking
- Anime
- Backend Development
- Music
- Computer science