

DAWIT ZEWDU MUNIE | Software Engineer

+251977904892 | dawit.z.munie@gmail.com | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

Education

Bahir Dar University | [BDU](#)

June 2021–June 2025

BSC in Software Engineering | CGPA: 3.92/4.0

Bahir Dar, Ethiopia

- Relevant Coursework: Calculus, Data Structures and Algorithms, Distributed Systems, OOP, Database Systems, Operating Systems, Computer Architecture and Organisation, Machine Learning, Probability and Statistics, Discrete Mathematics, Enterprise Application Development, Networking, Web and Mobile Development

Experiences

Africa to Silicon Valley | [A2SV](#)

Feb 2025–Present

Competitive Programmer

California, USA(Remote)

- A2SV is a non-profit organisation that upskills African students and connects them with top tech companies like **Google, Bloomberg, Amazon, Databricks, and Palantir**, with **110+ placements**.
- Solved **800+ problems** on LeetCode, Codeforces and other platforms over the year while studying at A2SV as well.

Intrepid Prime AI | [Website](#)

Feb 2025–June 2025

Software Engineer

Part-Time, Remote, USA

- Led the development of a **sentiment analysis** feature for **financial news**, offering deeper insights into market trends.
- Helped manage the company cost by using efficient cloud based structure, **saving 30% costs in AWS**
- Optimised a dataset of **10 TB in the AWS bucket, managed all the team members as an organizer**

Headstarter AI | [Headstarter.co](#)

Dec 2024–May 2025

Software Engineering Resident

Remote, New York, USA

- Built **14+ machine learning**, ai-engineering and full-stack projects in fast-paced software team environments
- Architected **5+ neural networks** in Python, cutting inference latency by **12%** for better AI application performance.
- Coached by **Google Machine Learning, Google Kubernetes, Two Sigma, Tesla, Figma and Citadel Engineers**

Chapa Financial Technologies S.C | [Chapa.co](#)

June 2024–Sep 2024

Open Source Contributor

Addis Ababa, Ethiopia

- Contributed to the Chapa Payment Gateway supporting over **30 billion ETB** in local and international transactions
- Authored **1,500 lines** of code and **resolved 20 bugs**, ensuring seamless integration across platforms
- Updated the Chapa Payment SDK for WooCommerce, enhancing user experience for over **10,000 users**

Projects

DotCode developer tool | [Github](#) | [Link](#) | JavaScript, React.js, Redux, WebPack, Express.js, MongoDB, Open Router API

- Led Dot Code platform with **4+ core features**, boosting productivity by **~35% (real-time collaboration, AI bugs)**.
- Implemented **JWT auth** across frontend/backend and analytics dashboard with **~1k+ snippet interactions/day**.
- Implemented **modular tech stack** powering 10 AI tools, **achieving 40%** faster snippet retrieval via search/versioning.

MarketPulse AI | [Github](#) | Python, Pandas, Numpy, TypeScript, Scikit-learn, Deep Learning, Jupyter Notebook

- Engineered a market anomaly detection system with **neural networks** and Python, processing **500k+ data points daily**.
- Trained on **Bloomberg data** with 16+ indicators; preprocessed (resize, SMOTE, PCA) to boost efficiency by **35%**.
- Launched a user-friendly AI chat bot for strategy questions, boosting **usability by 67.9%** and **91.5% accuracy**.

BrainGuard MRI Classifier | [Github](#) | Python, Pandas, Keras, Deep Learning, Jupyter Notebook

- Leveraged neural networks in Python to classify **1000 MRI scans** into **3 brain disease** types and develop a model.
- Delivered rapid reports post-classification; **under 200 ms** with **98.5% precision** and **98% recall**.

Skills

- **Programming Languages:** C++ | Python | Java | Go | C# | Typescript | Dart | HTML | CSS | JavaScript
- **Frameworks:** Express.js | Node.js | Nest.js | React.js | Redux | Redux Saga | Tailwind CSS | Flutter
- **Technologies:** Git | GitHub | Firebase | TSQL | MySQL | PostgreSQL | MongoDB | Redis | GraphQL | AWS | Azure | GCP
- **Soft Skills:** Growth Mindset | Adaptability | Teamwork | Collaboration | Communication | Project Management

Achievements

- **Top 0.2% (702th out of 340,000+)** and **top scorer** from my school in Ethiopian University Entrance Examination | [Link](#)
- **Best of Bachelors Project Award** – **top among 46** final-year tech projects at Bahir Dar University | [Certificate](#)
- ALX Africa one-year online Software Engineering Program - **70 hours per week** (2024) | [ALX](#) | [Certificate](#)