

DAWIT ZEWDU MUNIE | Software Engineer

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

Education

Bahir Dar University | BDU

SC in Software Engineering / CGPA: 3.92/4.0

June 2021–June 2025

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

Competitive Programmer

Feb 2025–Present

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

Software Engineer

Feb 2025–June 2025

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

Software Engineering Resident

Dec 2024–May 2025

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

Addis Ababa, Ethiopia

Open Source Contributor

- 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](#)