

# Bereket Worku

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## PROFILE

I am a software developer and lifelong learner from Ethiopia, deeply committed to personal growth and constant improvement. I embrace challenges as opportunities to evolve, driven by a passion for innovation and a belief in technology's potential to create a better world. My journey is guided by curiosity and a dedication to turning aspirations into impactful realities.

## EDUCATION

### Addis Ababa Institute of Technology

Apr 2024 – Jul 2027

Addis Ababa, Ethiopia

Bachelor in Chemical Engineering

### Africa To Silicon Valley, Coding Academy (Backed by Google)

Nov 2023 – Sept 2024

Addis Ababa, Ethiopia

- A2SV graduate with a strong foundation in data structures and algorithms (Solved 800+ problems on LeetCode and Codeforces) and hands-on experience in backend development and product management (2 real-world projects solving challenging problems for Africa)
- A2SV placed 50+ students at top-tech companies such as Google, Bloomberg, Databricks, Amazon, LinkedIn, and Square in the last four years.

### Relevant Courses

• Data Structures & Algorithms, Web & Mobile Application Development, Object-Oriented Programming,

## PROFESSIONAL EXPERIENCE

### Colink Software

#### Project Leader and Backend Engineer

Jul 2024 - Sept 2024

- Led the end-to-end development of a multi-service platform for Tesfalem Transport and HighClass Car rentals, delivering 20% ahead of schedule and 15% under budget.
- Achieved a 2-second load time advantage, outperforming the 6-second industry standard for seamless user experiences.
- Boosted platform performance by 40% through image optimization and API call reduction.
- Streamlined the booking process by 30%, driving a 15% increase in conversions.

Technology Used: Python, JavaScript, Next.js, Tailwind CSS, Django, MySQL, Node.js, LiteSpeed server

#### Junior Software Developer Intern

Jul 2023 - Nov 2023

- Optimized Booking Management System ERP, boosting dashboard performance by 35% by removing redundant JavaScript and recompilations.
- Built a PHP and jQuery real-time notification system, accelerating booking inquiry responses by 25%.

Technologies Used: PHP, jQuery, JavaScript, Bootstrap

### Africa To Silicon Valley | A2SV

#### Mobile Developer (intern)

Jul 2024 - Sept 2024

- Optimized feature development and debugging through TDD, leading to a **20% reduction in post-release bugs** and faster delivery of new updates.
- Collaborated with cross-functional teams to implement responsive UI components, improving app performance by **25% and increasing user engagement** on both Android and iOS platforms by 15%.

Technologies Used: Dart, Flutter

## PROJECTS

### Thought Palette (in progress)

Sept 2024 - Current

- Developing a blog platform for users to share ideas and engage in discussions, promoting creative expression. Technologies Used: Django rest framework, NextJS

### Thought Palette (in progress)

Sept 2024 - Current

- Building a real-time chat application with instant messaging, file sharing, and online user presence tracking. Technologies Used: Express, Flutter, Socketio

## SKILLS

Python | TypeScript | Django | FastAPI | Next.js | Node.js | HTMX | Flutter | MySQL | MongoDB | Docker | Git

## ACHIEVEMENTS

### 800+ Problems Solved on LeetCode and Codeforces

- Mastered algorithmic thinking through the successful resolution of over 800+ problems on LeetCode and Codeforces platforms
- Ranked top 1% in high-school leaving examinations in 2020 out of 500,000 students who also took the exam.