

# Bereket Worku

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## EDUCATION

### Addis Ababa Institute of Technology

BSc in Chemical Engineering

Apr 2024 – Jul 2027  
Addis Ababa, Ethiopia

### 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 Coursework

• 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 full-cycle development of a web application for Tesfalem Transport and Highclass Car Rental, a multi-service platform offering car rentals, airport shuttles, and tours, managing the project from initial requirements gathering to deployment, delivering the solution **20% ahead of schedule** and within a **15% reduced budget**.
- Achieved a **2-second advantage** over competitors, with the platform consistently loading in **under 4 seconds** compared to the **6-second** industry standard, providing a faster and smoother user experience.
- Enhanced platform performance by **40%** through image compression and minimizing redundant API calls, significantly reducing load times for time-sensitive bookings
- Streamlined the booking process, reducing the number of steps by 30%, resulting in faster customer bookings and a 15% increase in conversions.

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

#### Junior Software Developer Intern

Jul 2023 - Nov 2023

- Optimized the internal Booking Management System ERP, boosting dashboard performance by 35% through the elimination of unnecessary JavaScript and redundant recompilation, significantly enhancing load times and overall productivity.
- Developed a real-time notification system using PHP and jQuery, enhancing communication between the booking team and customers, resulting in a **25% faster response rate** to booking inquiries.

Technologies Used: PHP, jQuery, JavaScript, Bootstrap

### Africa To Silicon Valley | A2SV

Jul 2024 - Sept 2024

#### Mobile Developer (intern)

- 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

### Hotel Booking and Review Web App (in progress)

Sept 2024 - Current

- Created a user-friendly interface that simplified the booking process, leading to a 25% increase in completed reservations and enhancing the overall user experience for both guests and hotel managers.
- Implemented using Django Rest Framework and adhered to Test-Driven Development (TDD) principles, resulting in a **30% reduction in bugs** during the development cycle and **20% faster feature releases**.

Technologies Used: Django rest framework

## SKILLS

Python | Type Script | 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