Bereket Worku

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EDUCATION

Addis Ababa Institute of Technology   **Addis Ababa, Ethiopia**
B.S. in Chemical Engineering   *Expected Graduation 2027*
- **Related Coursework:** *Introduction to Programming, Statistics & Probability*

Africa To Silicon Valley, Coding Academy (Backed by Google)   **Addis Ababa, Ethiopia**
Data Structure and algorithm   *Nov 2023 - Present*
  - A2SVian with a strong foundation in data structures and algorithms and hands-on experience in mobile development and system design.
  - A2SV placed 50+ students at top-tech companies such as Google, Bloomberg, Databricks, Amazon, LinkedIn, and Square in the last four years.

- **Related Coursework:** *Data Structures & Algorithms, Web & Mobile Application Development, Object-Oriented Programming,*

EXPERIENCE

Toro Bingo   **Addis Ababa, Ethiopia**
Full Stack Developer   *Jun 2025 - Apr 2025*
  - Crafted a real-time multiplayer bingo game using Nest.JS and Socket.io, supporting 10,000+ active daily users.
  - Built a secure admin dashboard to manage users, monitor live game states, and control active sessions, improving operational efficiency by over 20%.
  - Redesigned the UI/UX using modern design principles, improving accessibility, navigation, and visual clarity—resulting in a 30% increase in user retention and higher satisfaction in post-launch feedback.
  - Developed an Agent Mode feature that allowed users to act as hosts, create custom rooms, and invite other players.

High Class Car Rentals   **Addis Ababa, Ethiopia**
Project Leader and Backend Engineer   *Jul 2024 - Sept 2024*
  - Guided development of a multiservice platform for High Class Car rentals service, delivering 20% ahead of schedule and 15% under budget.
  - Delivered a 2 second load time advantage, outperforming the 6 second industry standard for seamless user experiences and robust operational flow.
  - Streamlined the booking process by 30%, driving a 15% increase in customer conversions.

Africa To Silicon Valley | A2SV   **Addis Ababa, Ethiopia**
Mobile Developer   *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%.

PROJECTS

Thought Palette (in progress)   *Jul 2025 - Present*
- Designing and developing a blog platform for deep thinkers to publish bold, original perspectives on life, art, and music already engaging 50+ early adopters in meaningful dialogue and building a community centered on curiosity and intellectual honesty.
- Implementing Test-Driven Development (TDD) across core features, reducing bug reports by over 50% in internal testing and accelerating iteration speed, resulting in a more robust, scalable foundation for long-term global impact

ACTIVITIES AND LEADERSHIP

800+ Problems Solved on Leet Code and Code Forces
  - Mastered algorithmic thinking through the successful resolution of over 800+ problems on Leet Code and Code Forces platforms

SKILLS

Programming Languages — Python, Go, Typescript, PHP **Frameworks / Libraries —** Django, Node.JS, Nest.JS, Next.JS
Technologies /Platforms — Docker, Git, Linux/Unix **Databases —** MongoDB, PostgreSQL, MySQL