

Bikat Tilahun Assefa

Software Developer

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PROFILE

Full-Stack Developer experienced in designing, building, and deploying scalable web and mobile applications. Specialized in React, Flutter, and Node.js, with core strengths in databases, API integration, cloud technologies, and automation.

PROFESSIONAL EXPERIENCE

Software Developer

Gravity Technology

2025 – 2025

Gravity Technology

- Built and integrated APIs, managed databases, and ensured smooth system performance.
- Developed and maintained web applications, writing clean and efficient code.
- Deployed applications and automated tasks to improve workflow efficiency.

Automation

Gravity Technology

2025 – 2025

- Developed automation scripts and bots to streamline repetitive tasks and improve efficiency.
- Built data scraping tools to collect, process, and organize large datasets.
- Maintained and optimized automated workflows to ensure reliability and performance.

Hosting

Gravity Technology

2025 – 2025

- Deployed and hosted applications on production servers, ensuring uptime and reliability.
- Monitored system performance and troubleshooted issues to optimize application stability.
- Managed version control.

EDUCATION

BSc in Computer Science

St Mary's university

10/2022 – 05/2026 | Addis Ababa, Ethiopia

TECHNICAL SKILLS

Software Development

React, Flutter (Dart), Node.js, Tailwind CSS, Git/GitHub, REST APIs, Java, JavaScript, Python.

Database Design & Management

PostgreSQL, MySQL, Database Design, Query Optimization.

Additional Skills

System Performance, Scalability, Agile Methodologies, Familiarity with version control (Git).

PROJECTS

Legal Research Web Application

- Developed a full-stack legal research platform for Ethiopian laws using Next.js, React, Tailwind CSS, and Python (FastAPI).
- Built advanced document search capabilities, role-based access control, and personalized user dashboards.
- Integrated secure APIs, optimized search functionality, and ensured a seamless, responsive user experience across devices.

Product Searching System

- Developed an automated Telegram scraper and forwarder using Python to extract product information from channels/groups.
- Integrated the scraped data into a web application for easy search, filtering, and display.
- Implemented automation workflows to ensure real-time updates and reduce manual effort.

Football Outcome Prediction AI

- Developed a football match outcome prediction model using Python.
- Integrated live data via API for real-time updates.
- Leveraged historical football data from 2017 to 2026 to train and optimize the AI.
- Currently refining accuracy by optimizing hyperparameters and expanding feature sets.

LANGUAGES

English: Fluent | Amharic: Native