BINIYAM BIYADGE

Full-Stack Engineer | AI Systems Evaluation Specialist | Python Developer

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Biniyam portfolio linkedin.com Github

PROFILE

Full-Stack Software Engineer and Python Developer specializing in AI system evaluation and MERN stack development. Experienced in building production-style web and mobile applications with a strong focus on API architecture, database design, and system reliability. Skilled in Python, TypeScript-based backend systems, React and Next.js frontend development, and workflow automation using n8n. Proven experience evaluating AI-generated code and outputs for correctness, logic, and production readiness, with structured, rubric-driven evaluation practices. Strong analytical thinker with experience across the full development lifecycle — from system design and API integration to testing, automation, and deployment — combined with a detail-oriented approach to software quality and AI training data accuracy.

WORK EXPERIENCE

AfterQuery 01/2026 – Present

Software Engineering Expert | AI Trainer United States | Remote

- Conduct structured evaluation of AI-generated software solutions, assessing logic correctness, implementation quality, and edge-case handling.
- Participated in Project Silver, Pluto, and Artifacts, focusing on testing, ranking, and evaluation workflows.
- Author and validate structured task packages for AI training pipelines, ensuring technical accuracy and full reproducibility.
- Provide detailed technical feedback to improve model reasoning and coding performance across multiple concurrent projects.

Shipd 03/2026 – Present

AI Trainer | Challenge Design & Evaluation Specialist California, USA | Remote

- Participated in Project Eris and Project Olympus, contributing structured solutions used to train and evaluate AI models.
- Created technical challenges for other AI trainers to solve, designing scenarios that test reasoning and problem-solving ability.
- Solved challenges authored by fellow trainers, writing accurate, well-reasoned solutions used as high-quality training data.
- Collaborated with a distributed team of AI trainers, following rigorous submission and validation standards to ensure consistency and accuracy across evaluation rounds.

Revelo 01/2026 – 04/2026

AI Trainer | Code Evaluation Specialist United States | Remote

- Evaluated AI-generated code submissions for correctness, scalability, and production-level quality across JavaScript, Python, and TypeScript.

- Performed structured response ranking, correction, and prompt evaluation tasks.
- Delivered detailed technical feedback on code quality, system design, and production readiness.
- Reviewed edge cases and reasoning gaps in model outputs to support iterative model improvement.

Swenetix 02/2025 – 2026
Backend Developer Addis Ababa | Ethiopia | Remote

- Architected and maintained scalable backend systems within the MERN stack, focusing on API design, data modeling, and server-side performance.
- Optimized database queries and backend logic to improve response times and overall system reliability.
- Built and integrated RESTful APIs to support front-end features and third-party service connections.

University of Gondar (UOG) 2024 – 2025
Software Developer & System Analyst (MERN Stack) Gondar | Ethiopia

- Designed, developed, and maintained a complaint management platform for institutional use.
- Built and integrated backend APIs and database structures for institutional workflows.
- Conducted data validation, integration testing, and quality assurance to improve system reliability and accuracy.
- Coordinated with stakeholders to refine requirements and improve system usability.

PROJECTS

BiniosEstate
Real Estate Platform
A property listing, renting, and selling platform with smart search and authentication for buyers, sellers, and renters. Built with React, Node.js, Express, and MongoDB.

CMS
AI-Powered Smart Complaint Management System
An AI-driven complaint management platform with a knowledge-based chatbot that guides users and automatically routes complaints to the correct department for faster resolution. Built with React, Node.js, Express, and MongoDB.

School Management System
Academic Records Platform
A platform for managing students, classes, attendance, and academic records with an intuitive interface. Built with React, Node.js, Express, and MongoDB.

EDUCATION

Adama Science and Technology University (ASTU) 2022 – 2026
Bachelor of Science in Software Engineering Adama, Ethiopia

- CGPA: 3.59 / 4.0

- Coursework focused on software engineering, data structures, database systems, and web development.

SKILLS

Frontend Development
React, Next.js, and TypeScript for responsive, component-based interfaces with routing and server-side rendering.

Database Management
PostgreSQL and MongoDB with a focus on schema design, queries, and data integrity.

Backend Development
Node.js, Express, Django, and Python for scalable REST APIs and server-side logic.

DevOps & Automation
Docker for containerized deployment and n8n for workflow automation and process optimization.

Mobile Development
React Native for cross-platform mobile applications.

AI Training & Evaluation
Structured challenge design, response ranking, output validation, and rubric-driven model evaluation.

KEY COMPETENCIES

- Software Development & Full-Stack Engineering
- Software Testing & Quality Assurance
- AI Model Evaluation & Prompt Engineering
- Analytical & Critical Thinking

LANGUAGES

English ● ● ● ● ○
Fluent

Amharic ● ● ● ● ●
Native