

Beteab D. Tefera

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EDUCATION

Saint Cloud State University

B.S. Computer Science, Minor in Psychology

St. Cloud, MN

2025 Graduate

TECHNICAL SKILLS

Languages: Python, Java, JavaScript/TypeScript, C/C++, SQL, PySpark, HTML/CSS

Cloud & IaC: AWS (Lambda, S3, Bedrock, IAM, EC2), Terraform, AWS CloudFormation, Google Cloud Platform

AI & Agentic: AWS Bedrock AgentCore, S3 Vector Store, Agentic AI Pipelines, RAG, LLM Orchestration, Prompt Engineering

Data & Integration: Informatica, Power BI, Mainframe, Oracle SQL Developer, PL/SQL, REST APIs, Unix/Linux

Frameworks & Tools: React, Node.js, Next.js, Express, Tailwind CSS, Git, GitHub/GitLab, VS Code

Databases: PostgreSQL, MySQL, MongoDB, Supabase

Leadership: Program Management, Agile/Scrum, Cross-functional Collaboration, Mentorship, Client Relations

EXPERIENCE

Cloud/Data Engineer – Associate

Jun. 2025 – Present

Ameriprise Financial Services, LLC

Minneapolis, MN · Hybrid

- Architect and deploy end-to-end Infrastructure as Code (IaC) workloads using Terraform and AWS CloudFormation, managing cloud resources across dev, staging, and production environments at an enterprise scale
- Build and ship full-stack internal applications and automation pipelines in Python and JavaScript/TypeScript, streamlining operational workflows for the Brokerage Technology Nextgen team
- Engineer agentic AI solutions using AWS Bedrock AgentCore and S3 vector stores, designing multi-step AI agents with retrieval-augmented generation (RAG) to automate complex business workflows in trading and advisory systems
- Collaborate with senior engineers and architects on cloud infrastructure design, contributing to platform reliability, security posture, and cost optimization across AWS environments

Software Engineering Technology Intern

May 2024 – Aug. 2024

Ameriprise Financial Services, LLC

Minneapolis, MN · Hybrid

- Developed cloud-native applications on AWS under Asset Wealth Technology, utilizing Python, PySpark, Java, AWS Lambda, SQL, Informatica, and Mainframe integrations to support brokerage operations
- Designed and exposed REST APIs to modernize data flow between legacy Mainframe systems and cloud services; participated in Agile ceremonies to deliver iterative improvements to trading-advisory platforms

Customer Technology Specialist

Jan. 2024 – Jun. 2025

BI WORLDWIDE

Edina, MN · Hybrid

- Promoted from Project Administrator; took ownership of platform health, technical issue triage, and client-facing feature enhancements across multiple enterprise employee engagement accounts
- Applied Oracle SQL Developer and PL/SQL to diagnose and resolve complex front-end and back-end platform issues, improving SLA adherence and reducing client-reported incident volume

Project Administrator

Jan. 2023 – Jan. 2024

BI WORLDWIDE

Edina, MN · Hybrid

- Administered enterprise employee recognition programs for Fortune 500 clients; managed incentive points pipelines and produced precise daily, monthly, and quarterly reports using PL/SQL
- Modified front-end packages and UI components via Oracle SQL Developer, improving program functionality and driving measurable gains in user engagement and client satisfaction

Programming Instructor

Nov. 2022 – Aug. 2023

30,000 Feet

St. Paul, MN · Part-time

- Designed and delivered project-based curriculum in Python, Java, and JavaScript; mentored students through applied SQL and database projects, preparing cohorts for software development internships

PROJECTS

Acelio

Flutter, AWS Bedrock, Lambda, Cognito, API Gateway, Supabase, EventBridge

- Built a gamified personal finance iOS/Android app featuring AI coaching via Amazon Bedrock Claude 3 Haiku, with XP, streaks, and badges driven by a serverless EventBridge gamification engine
- Architected a fully serverless backend (Lambda + API Gateway + Cognito) with a Supabase PostgreSQL data layer; implemented CI/CD via GitHub Actions for automated Lambda deploys and Flutter builds
- Shipped full feature set: goal/budget/transaction management, Ace AI chat with daily tips, community feed, and guest experience; optimized AWS infra costs from \$21/mo to under \$0.20/mo

Abay Analytics

Full-Stack Development, Community Entrepreneurship

- Founded a community-focused venture building custom web and mobile applications for Ethiopian small business owners, delivering affordable digital tools for inventory, scheduling, and customer management