

IBAD MOMIN

Austin, TX | 346-561-2408 | ibadalimomin@gmail.com | github.com/ibadamomin | linkedin.com/in/ibadmomin

SUMMARY

Software Engineer with 2+ years at Dell Technologies, building CI/CD infrastructure, developer tools, and test automation serving 800+ engineers. Pursuing an M.S. in Artificial Intelligence at UT Austin. Strong foundation across full-stack development, DevOps, cloud infrastructure, and applied AI.

TECHNICAL SKILLS

Primary: Python, JavaScript, Docker, Kubernetes, Jenkins, PostgreSQL, Git, Bash/Shell, CI/CD Pipelines

Languages: Python, C/C++, Java, JavaScript, Swift, SQL, Bash/Shell, HTML/CSS

Frameworks & Libraries: React.js, Node.js, Express.js, Next.js, Django, Flask, PyTorch, TensorFlow, NumPy, Pandas

DevOps & Cloud: Jenkins, Docker, Kubernetes, AWS, Azure, Terraform, CI/CD Pipelines

Databases: PostgreSQL, MySQL, MongoDB, Firebase

Tools & Platforms: Anthropic API, Power BI, Tableau, Agile/Scrum, TensorBoard

EXPERIENCE

Software Engineer II | Dell Technologies

Jan 2025 – Present

Round Rock, TX

- Solely designed and deployed a Python-based Slack bot adopted by 800+ engineers organization-wide, replacing ad-hoc channel posts with a structured bug reporting workflow that now processes 50–200 requests per month and reduced average issue triage time
- Initiated migration of PowerStore test infrastructure from Jenkins to Dell's proprietary CI platform (Dingo), significantly reducing build and test execution times while improving test portability and release pipeline visibility for the engineering organization

Software Engineer I | Dell Technologies

Jul 2024 – Jan 2025

Round Rock, TX

- Rebuilt broken Jenkins CI/CD pipelines to automate daily OCP end-to-end operator tests, PowerStore module validation, and CSM pre-release installation checks — eliminating 2–6 hours of manual testing per day and ensuring release readiness for 200+ engineers
- Partnered with a 4-person engineering team to systematically diagnose and resolve pipeline failures, optimizing CI/CD workflows using Jenkins, Docker, Kubernetes, and shell scripting within an Agile/Scrum delivery framework

PROJECTS

Fuelmarkt — Fuel Intelligence SaaS Platform

March 2026 – Present

Founder & Engineer | Austin, TX

- Built a fuel intelligence SaaS platform solving a core pain point for gas station operators: manual, error-prone fuel procurement decisions that cost independent operators thousands in missed margin annually
- Designed and deployed a full-stack application using Next.js, Node.js, PostgreSQL, and the Anthropic API, with competitor retail price intelligence
- Interviewed 10+ gas station operators and attended a national industry expo to validate product-market fit, pivoting from a procurement marketplace to a flat-tier SaaS model based on direct customer feedback. Currently onboarding 3 pilot customers
- Developing an AI agent architecture using Claude tool-use for autonomous fuel purchase order placement, reducing operator decision latency from hours to minutes

EDUCATION

M.S. in Artificial Intelligence — The University of Texas at Austin

Aug 2025 – May 2027

B.S. in Computer Science — The University of Texas at Dallas

Aug 2022 – May 2024