

Naqeebali Shamsi

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SUMMARY

Full-stack engineer, 6+ years, with deep CI/CD and platform work: GitHub Actions, Jenkins, Docker, Kubernetes/Helm, Terraform. I build, integrate, and debug the pipelines other teams ship on.

TECHNICAL SKILLS

- **Languages:** Python, TypeScript, JavaScript, SQL, Go, Bash
- **Frontend:** React, Next.js, React Native, HTML/CSS, responsive UI
- **CI/CD & DevOps:** GitHub Actions (workflows, self-hosted runners), Jenkins, SonarQube, JFrog Artifactory, Maven (POM, settings), CI/CD design and debugging
- **Backend & APIs:** Python (FastAPI, Django, Flask), Node.js/Express, Go; REST, GraphQL, WebSockets, microservices
- **Kubernetes & Cloud:** Kubernetes (Helm, kubectl, namespaces, deployments), Docker, Terraform, AWS (Lambda, ECS, S3, RDS), Prometheus
- **Data:** PostgreSQL, Redis, MongoDB, PGVector; relational and NoSQL schema design
- **Practices & Tools:** Agile/Scrum, Git, automated testing (unit, integration, end-to-end), code reviews, Jira

PROFESSIONAL EXPERIENCE

Forward Deployed Engineer

Feb 2026 - Present | Contract
Remote

Lumos | Python, FastAPI, React/Next.js, PostgreSQL, AWS/Docker

- Shipped a UAE VAT invoice-compliance platform (FastAPI, Next.js, PostgreSQL): 637 automated tests, GitHub Actions CI/CD with SonarQube integration.
- Cut monthly database compute cost ~74% by tuning a background worker to Postgres's autosuspend window.

Full Stack Engineer

Jun 2025 - Jan 2026 | Full-time
Dubai, UAE

Propwise | Python, Node.js, Go, PostgreSQL, AWS, REST APIs

- Re-architected the report-generation service for concurrency, cutting per-report time ~8x at thousands of reports/month.
- Ran containerized services on Kubernetes with Helm charts, handling deployments and troubleshooting across environments.
- Unblocked 5 stalled enterprise integrations through live architecture sessions and targeted API fixes, cutting onboarding from weeks to days.

AI Evaluation Contractor

Feb 2023 - Jun 2025 | Freelance, part-time
Remote

Outlier AI | LLM Evaluation, RLHF, Data Pipelines, Prompt Engineering

- Evaluated LLM outputs for accuracy, hallucination, and instruction-following across code-generation and multi-turn agent tasks.

DevOps Developer (Co-op)

Sep 2023 - Dec 2023 | Full-time
Halifax, Canada

OPAS Mobile | AWS, GCP, Terraform, Docker, GitHub Actions

- Rebuilt CI/CD pipelines with GitHub Actions and Docker, cutting build times 78% for React and Node.js apps.
- Automated multi-cloud provisioning (AWS, GCP) with Terraform, cutting environment provisioning time ~99%.
- Set up and integrated Jenkins and SonarQube for build and code-quality pipelines.

Senior Software Engineer

Dec 2018 - Jul 2022 | Full-time
Ahmedabad, India

Crest Data Systems | Python (Django/FastAPI), SQL, Splunk, AWS Lambda

- Designed and shipped 100+ REST APIs in Python (Django/FastAPI) serving 200,000+ daily users.
- Cut infrastructure cost 40% and improved search performance 15x through Lambda migrations, query optimization, and caching.
- Built 18+ Splunk applications for log ingestion and real-time analytics; led Python 2 to 3 migrations across services.
- Administered Jenkins CI with JFrog Artifactory and SonarQube quality gates; maintained Maven build configurations (POM, settings).

PROJECTS

NomadCrew | *React Native (Expo), Go (Gin), PostgreSQL, Redis, WebSockets, Coolify, GitHub Actions*

- Shipped a group-trip app solo to the App Store: Go/Gin backend, CI/CD on a self-hosted ARM64 GitHub Actions runner, SonarQube quality gates.

App Store: apps.apple.com/au/app/nomad-crew

Aladeen | *TypeScript, Node.js, Anthropic SDK, OpenAI SDK, LangGraph-style orchestration, MCP*

- Published an npm CLI and MCP server giving AI coding agents observability into their own sessions; 400+ automated tests.

npm: npmjs.com/package/aladeen

EDUCATION

Dalhousie University

Master of Applied Computer Science, Web and Mobile Computing

Sep 2022 - Dec 2023

Halifax, Canada

Charotar University of Science and Technology

Bachelor of Technology in Information Technology

Jun 2015 - Apr 2019

Changa, India

BEYOND DEVELOPMENT

- **Open Source:** Contributing to LiteLLM (BerriAI); submitted a guardrails bugfix for image handling, under maintainer review.
- **Technical Writing:** 30-day public series (Feb 2026) on operating agentic AI in production: failure budgets, state observability, drift. naqeebali-shamsi.medium.com