Shravan Sulikeri

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EDUCATION

University of North Carolina Charlotte Charlotte, NC
Bachelor of Science in Computer Science August 2025

Skills & Certifications

Languages: Swift, Kotlin, Python, TypeScript, SQL
Mobile: SwiftUI, UIKit, Jetpack Compose, Kotlin Multiplatform, Google Maps SDK, Google Navigation SDK, CarPlay, Android Auto
Backend and Web: Django, Django REST Framework, Celery, REST APIs, FastAPI, Node.js, Qwik, React, Pusher
Data and AI: PostgreSQL, MongoDB, Airflow, dbt, DuckDB, FAISS, Codex, Claude, Agentic Workflows
Testing & Cloud: Playwright, Sentry, Firebase Crashlytics, Docker, GitHub Actions, GCP, Azure
Certifications: OCI Generative AI Professional, OCI Data Science Professional, Databricks Fundamentals

WORK EXPERIENCE

Sam Analytics Solutions Durham, NC
Junior Software Engineer April 2026 — Present
- Developed and maintained iOS and Android delivery applications using SwiftUI and Kotlin Multiplatform, implementing pickup/delivery workflows, shared API integration, and state management; shipped the Android app within six months.
- Strengthened offline synchronization with SQLDelight, retaining failed delivery events for retry and preserving original timestamps during delayed submission.
- Maintained and extended Django REST APIs and Qwik/TypeScript admin workflows, tracing requests and data across mobile, backend, and admin systems to diagnose operational defects and data inconsistencies.
- Implemented barcode scanning, photo capture, and signature-confirmation workflows across iOS and Android, with local persistence and recovery for interrupted proof-of-delivery saves.
- Diagnosed crashes and runtime errors using Firebase diagnostics on Android and Sentry on iOS; validated fixes through native and shared-code regression tests.
- Reduced manual regression testing hours by 50% by automating approximately 370 of 500+ web-admin and API regression cases with Playwright.
- Integrated Google Navigation SDK into CarPlay and Android Auto experiences, synchronizing native vehicle interfaces with phone-owned navigation and delivery state.

Varsinix · Healthcare AI Startup Cary, NC
Junior Data Engineer Aug 2025 — April 2026
- Developed Python ingestion pipelines on GCP processing 5M+ clinical notes for entity-extraction workflows, reducing preprocessing time and producing standardized downstream datasets.
- Implemented Bronze-Silver-Gold ELT architecture on Azure with transformation and schema-validation workflows, reducing schema-drift incidents across clinical data sources.
- Optimized embedding-generation and vector-indexing workflows across 2M+ clinical records, improving retrieval stability and reducing failed indexing jobs by 30%.

First Citizens Bank Raleigh, NC
Systems Engineer Intern May 2025 — Aug 2025
- Automated endpoint remediation through Nexthink Remote Actions and scripting, replacing repetitive manual interventions; developed Power BI dashboards to monitor device health across 28K+ endpoints.
- Cut mean triage time by 35% using Nexthink NQL to join and aggregate telemetry across 20K+ enterprise endpoints.

Control Infotech Inc. Morrisville, NC
Data & Security Analyst Intern May 2023 — Aug 2023
- Increased security-log ingestion throughput by 30% by refactoring Python pipelines; automated vulnerability reporting to cut manual analysis time by 25%.

PROJECTS

F1Dash | Python, DuckDB, Scikit-Learn
Built a 221K+ lap-record pipeline with 45% faster feature refresh; engineered 61 features and trained 3 Random Forest models, achieving 0.89 AUC.

CareSight | FastAPI, FAISS, Airflow
Built RAG and ETL pipelines across 8M+ public, synthetic clinical notes, improving risk-detection accuracy by 50% and reducing processing latency by 40%.

SoundSwipe | React, Node.js, Flask, Scikit-Learn
Led 5 engineers to launch a Spotify-integrated discovery app with personalized recommendations and 100+ active test users.