

SHRAVAN SULIKERI

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EDUCATION

University of North Carolina at Charlotte, College of Computing and Informatics

Charlotte, NC

B.S. in Computer Science, Software, Systems, and Networks

August 2025

Relevant Coursework: Data Structures & Algorithms, Distributed Computing, Operating Systems, Database Systems, Computer Networks, Software Engineering, Cloud Computing, Information Security & Privacy

EXPERIENCE

Varsinix

Raleigh, NC

Data Engineer (ML & Cloud)

August 2025 – Present

- Engineered a monorepo-based MLOps framework with Docker, Kubernetes, and GitHub Actions, cutting deployment time by 40% and standardizing CI/CD automation across teams.
- Designed ETL pipelines in Python, SQL & Databricks (GCP), improving data processing speed by 55% and analytics delivery by 20%.
- Automated ML lifecycle and experiment tracking with MLflow & GCP Cloud Build, boosting reproducibility by 45%.
- Deployed monitoring and CI/CD dashboards via Prometheus, Grafana & GitOps, reducing release errors by 40%.

First Citizens Bank

Raleigh, NC

Systems Engineer Intern

May 2025 – August 2025

- Designed Power BI dashboards from Nexthink data to monitor 20K+ endpoints, boosting issue detection by 25%.
- Engineered high-performance NQL queries to join and analyze endpoint telemetry, reducing triage time by 35%.
- Automated endpoint remediation with Nexthink Remote Actions, boosting device reliability and IT response speed by 20%.
- Partnered with cross-functional IT teams to enhance digital employee experience (DEX) through Nexthink analytics.

Control Infotech Inc.

Raleigh, NC

Cybersecurity Analyst Intern

May 2023 – August 2023

- Automated security testing workflows and vulnerability scans with Python, reducing manual workload by 30%.
- Conducted malware analysis and log-parsing tools (Python & C) that improved data processing speed by 40% and detection accuracy by 15%.
- Developed cross-platform automation in PowerShell and Bash to ingest Azure resource logs, consolidating 3+ monitoring systems and reducing audit preparation time by 20%.
- Authored documentation and runbooks, cutting onboarding time by 40% and standardizing security operations.

PROJECTS

Spotify Data Engineering Pipeline

Cary, NC

Independent Project | Data Engineer

October 2025 – Present

- Built an end-to-end Azure data pipeline using Data Factory, Databricks, and Delta Lake for scalable ingestion and ETL.
- Designed and implemented a Bronze-Silver-Gold data lake architecture using Azure Data Lake Storage and PySpark to improve data quality and lineage.
- Optimized Spark ETL performance using partitioning and autoscaling, cutting processing time by 30%.

SoundSwipe Application

Charlotte, NC

Project Lead | Backend Developer

January 2025 – May 2025

- Led a team of 5 developers to build a Spotify-powered music discovery app with swipe-based UI & real-time previews, attracting 100+ active test users.
- Architected secure backend (Node.js, OAuth 2.0, MongoDB) and deployed via CI/CD, reducing API failures by 25%.
- Designed an AI engine that cut playlist curation time by 70% and boosted engagement by 40%.

CERTIFICATIONS/SKILLS

Languages: Python, SQL, C#, JavaScript

Data Engineering: PySpark, Databricks, Azure Data Factory, Delta Lake, ETL Pipelines, Data Modeling

ML & Analytics: MLflow, TensorFlow, Keras, Pandas, Power BI

DevOps & Cloud: Azure, GCP, Docker, Kubernetes, Git, GitHub Actions, Jenkins, CI/CD, GitOps

Orchestration & Tools: Apache Airflow, Nexthink, NQL, REST APIs, Jira, Prometheus, Grafana

Certifications: OCI GenAI Professional, OCI Data Science Professional, OCI Autonomous Database Cloud Professional