NIKHITA SHANKAR

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PROFESSIONAL EXPERIENCE

Data Engineering & Analytics Consultant (Contract)   May 2023 – May 2024
Hyperplane (Fintech Startup) | Remote, US
- Built and maintained SQL-based ETL pipelines processing about 200K financial transactions monthly, reducing reporting turnaround time by about 35% and improving portfolio data accuracy.
- Integrated third-party APIs and custodial data feeds into the warehouse, enabling timely delivery of market and client datasets used by 50+ internal and client users.
- Developed dashboards and automated reporting workflows in AWS, providing visibility into portfolio performance and supporting faster investment decisions.

Data Scientist & Analytics Engineer   Jan 2020 – Apr 2023
ExxonMobil | Bangalore, India
- Built real-time Snowflake SQL pipelines to automate SAP reporting, reducing latency from hours to seconds and saving $1M/month.
- Migrated 20+ Tableau dashboards to the cloud, enabling real-time visibility that influenced $22M in strategic decisions.
- Developed Power Apps + Power BI pricing tool, improving competitive tracking and boosting profit by $2.18M/month.
- Consolidated 9 Salesforce reports across 150+ global users, improving contract visibility and saving $8.5M annually.

Engineering Intern   Jun 2019 – Jul 2019
Softtek | Bangalore, India
- Automated ServiceNow employee onboarding workflows with Python and Selenium, cutting processing time by 30%.

INDUSTRY PROJECTS (CAPSTONE)

Data Scientist   Jan 2025 – May 2025
Wolters Kluwer | Remote, US
- Designed an LLM-driven diagnostic support tool using Retrieval-Augmented Generation (RAG) and prompt engineering, improving clinical efficiency and interpretability.
- Built scalable Python pipelines to test and integrate models into real-world healthcare workflows.

Data Engineering & Analytics Lead   Aug 2024 – Dec 2024
Community Hospital, Grand Junction CO | Remote, US
- Led a 6-member team to develop IBM Cognos dashboards using UKG data, aligning reporting with strategic KPIs.
- Automated HR reporting with SQL + Python pipelines, reducing manual effort by 10+ hours/week and cutting overtime costs by 15%.

TECHNICAL SKILLS

- **Languages & Tools:** Python, SQL, R, Excel, Git, Power Apps, Salesforce
- **BI & Visualization:** Tableau, Power BI, Amazon QuickSight
- **Data Engineering & Cloud:** Snowflake, AWS, Azure, Databricks, ETL Pipelines, Workflow Automation

EDUCATION

University of Illinois Urbana-Champaign   Champaign, IL
M.S. in Business Analytics | Data Science & Engineering Concentration   Aug 2024 – May 2025

R.V. College of Engineering   Bangalore, India
B.E. in Computer Science & Engineering   Aug 2016 – Sep 2020

CERTIFICATIONS & RECOGNITION

- **AWS Certified Cloud Practitioner** — Verified Credential
- **Awards:** Top Performer & Bright Beginner — ExxonMobil Analytics Center of Excellence
- **Published Research:** Recommendation Systems Using Filtering Concepts (IRJET)