

NIKHITA SHANKAR

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PROFESSIONAL EXPERIENCE

Data Engineer

May 2023 – May 2024

Hyperplane (Fintech Startup, acquired by Nubank) | Remote, US

- Built and optimized **SQL + Databricks pipelines** for **200K+ transactions/month**, reducing reconciliation errors **35%** and improving reliability of financial reporting
- Automated **ETL pipelines (AWS Glue, S3, Airflow)** and developed **Power BI dashboards**, cutting reporting effort **20+ hrs/month** and enabling **50+ stakeholders** with real-time revenue and cost insights

Data Engineer & Analyst

Jan 2020 – Apr 2023

ExxonMobil | Bangalore, India

- Engineered enterprise **Snowflake SQL pipelines**, cutting latency from hours to seconds and enabling **\$1M+/month reporting efficiencies**
- Redesigned 20+ **Tableau dashboards** by integrating **Snowflake + Salesforce**, standardizing KPI reporting and supporting **\$22M+ finance-critical decisions** company-wide
- Built a Python **Product Recommendation System**, increasing engagement by **20%** and sales conversions by **12%**
- Built a **competitive pricing app and dashboards** (Power Apps + Salesforce + Power BI), tracking Exxon vs. competitor pricing and driving **\$3M margin gains**

Engineering Intern

Jun 2019 – Jul 2019

Softtek | Bangalore, India

- Automated **employee onboarding workflows** in ServiceNow with Python + Selenium, reducing manual effort **30%**

INDUSTRY PROJECTS

Data Scientist (Healthcare AI)

Jan 2025 – May 2025

Wolters Kluwer | Champaign, IL

- Built an **LLM-based diagnostic tool** with RAG pipelines in Python, deployed on **AWS SageMaker**, improving accuracy of clinical decision queries by **18%** in validation tests

BI & Analytics Lead (Healthcare HR)

Aug 2024 – Dec 2024

Community Hospital, Grand Junction CO | Champaign, IL

- Led a **6-member team** delivering SQL/Python pipelines and Cognos dashboards, **standardizing HR KPI & People Analytics reporting**
- Automated labor-cost forecasting with **ARIMA**, reducing reporting time by **10+ hrs/week** and improving workforce planning efficiency by **15%**

TECHNICAL SKILLS

- **Programming:** SQL, Python, R, Excel
- **Data Platforms:** Snowflake, AWS (Glue, S3, SageMaker), dbt, Airflow
- **Visualization & BI:** Tableau, Power BI, IBM Cognos, Power Automate

EDUCATION

University of Illinois Urbana-Champaign

Champaign, IL

M.S. in Business Analytics | Data Science & Engineering Concentration

Aug 2024 – May 2025

Beta Gamma Sigma Honor Society

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