

# KIRAN SHRIDHAR ALVA

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## EXPERIENCE

### University of Pittsburgh

Jan 2024 – Present

#### Tech Consultant

- Addressed software installation issues, verified user licenses in Azure, and resolved hardware/software issues, assisting users with university portals and software installations.
- Logged 500 cases with a 95% satisfaction rate in TDX and Salesforce ticketing systems.
- Provided on-call support to resolve critical issues, reducing troubleshooting time by 50%.

### Infinite Computer Solutions

Dec 2022 – Jul 2023

#### Software Engineer

- Developed PySpark codes, built data pipelines, configured SQL database connections, and implemented SSIS packages.
- Performed data migration from Dynamic CRM, Mix panel, and Eloqua to Managed Instance DB using ADF.
- Ensured code quality and maintainability using Git, collaborated with QA teams to validate data pipelines, and conducted cost analysis on Azure Data Factory.
- Demonstrated ADF Pipeline building for clients and conducted candidate interviews for data engineering roles.
- Leveraged Azure Databricks for efficient data processing and analytics, developed spark-sql scripts of data modelling.
- Built SSIS packages in Visual Studio

### Tiger Analytics

Jun 2022 – Dec 2022

#### Software Engineer

- Developed PySpark codes, designed data models, and built data pipelines on AWS and Azure.
- Created Power BI dashboards based on client requirements.
- Built ETL CDC pipelines for incremental data loads and wrote scripts on Databricks.
- Configured ETL pipelines to Azure logic apps for email notification on pipeline execution status and failures. Configured Git to VS Code.

### Wipro Ltd

Jan 2020 – Apr 2022

#### Project Engineer

- Developed JCL, COBOL, and DB2 on mainframes; monitored Azure pipelines, implemented triggers, and debugged PySpark tickets.
- Developed DB2/SQL scripts to extract data from tables as per user requirements.
- Created detailed manuals on mainframe processes and Azure setups, enhancing team productivity by 30%.

## EDUCATION

### University of Pittsburgh

May 2025

Master's in information science

### Visvesvaraya Technological University

May 2019

Bachelor of Engineering in Electronics and Communications

## CERTIFICATION

### Microsoft Azure Data Engineer Associate DP203 787-0018

Jun 2023

## PROJECT

[Data Engineering and Analysis](#): Implemented SQL and python for data analysis, 250000 rows.

[EDA NLP LLM Project](#) : Predicting diabetes using logistic regression. NLP Naïve Bayes Algorithm to detect spam or ham of SMS. Used OPEN AI LLM to build Chatbot.

[Cloud ETL Project](#): From extracting raw data, processing, modeling it, built dashboards. Used ADF to build ETL pipelines

[Gaming on Unity – Viridium](#) : Built and launched my game, C#, unity. Implemented OOP in C#.

## SKILLS

Python, SQL, NLP, ML, AI, OOP, Power Bi, Tableau, Data Visualization, Data Processing, Azure Devops.