

# Akash K

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## Summary

Data scientist with 3+ years of experience in machine learning, model evaluation, and data products. Comfortable owning E2E pipelines and collaborating cross-functionally to ship measurable impact.

## Skills

**Languages:** Python, SQL, Bash

**ML:** scikit-learn, XGBoost, PyTorch

**Data:** Pandas, Spark, Airflow

**Cloud/DevOps:** AWS, Sagemaker, bedrock, GCP, Docker, Git

**Other:** Statistics, Experimentation (A/B), Visualization

## Experience

### Innova Solutions

*Data Scientist*

Hyderabad, IN

Sep 2023 – Present

- Owned churn-prediction pipeline (XGBoost), improving recall @ 5% FPR by 18% and reducing monthly churn by 3.2%.
- Designed offline/online evaluation with stratified cross-validation and live A/B; cut model deployment cycle from 4 to 2 weeks.
- Partnered with Product to define success metrics; delivered dashboards used by CX leadership (Looker + dbt).

## Projects

### Demand Forecasting Toolkit

*Open-source Maintainer*

2024

- Created a modular time-series pipeline (Prophet / LightGBM) with backtesting harness; 1.7k GitHub stars.
- Achieved MAPE improvements of 1220% across 3 public datasets via feature lags and cross-validation.

## Education

### Amrita University, B.Tech in Computer and Communication Engineering

2019 – 2023

Relevant Coursework: Probability & Statistics, ML, Data Mining, DBMS

## Achievements

References available upon request.

Last updated: September 4, 2025