AKASH KUMAR

Software Engineer | Data Science & MLOps Specialist

@ imakash665@gmail.com ☎ 7209644736 in imakash665 ○ imakash665 ● India

PROFESSIONAL SUMMARY

Software Engineer with 1.5+ years of experience specializing in Machine Learning, MLOps, and Full-stack development. Proven expertise in building end-to-end ML pipelines, optimizing backend performance by 40%, and deploying containerized REST APIs. Skilled in translating complex data into actionable business intelligence.

EXPERIENCE

Software Engineer (Data & ML)

Ixeor Global Pvt. Ltd.

🗓 Oct 2024 – Jan 2026   ● Remote

- Developed and optimized machine learning models using **scikit-learn** and **Pandas**, resulting in a **20% increase** in internal workflow automation efficiency.
- Executed comprehensive **Exploratory Data Analysis (EDA)** and feature engineering that improved model prediction precision by **15%**.
- Architected and containerized **Flask-based REST APIs** using **Docker**, reducing model deployment latency and ensuring 100% environment consistency.
- Streamlined data versioning and experiment tracking using **DVC** and **Git**, facilitating seamless team collaboration.

Web Developer

Ixeor Global Pvt. Ltd.

🗓 Mar 2022 – Sep 2024   ● New Delhi

- Refactored WordPress site architectures to boost performance by **40%** and enhance security and SEO rankings.
- Engineered custom **API integrations** that automated data-heavy workflows, reducing manual effort by **30%**.
- Implemented responsive UI/UX designs based on user engagement metrics, significantly improving retention rates.

KEY PROJECTS

Movie Recommender System

Python | NLP | Scikit-Learn

- Built a content-based recommendation engine utilizing **Bag of Words** and **Cosine Similarity** for a dataset of 5,000+ movies.
- Developed a preprocessing pipeline for tokenizing metadata, achieving high-relevance user suggestions based on movie genres and cast.

TECHNICAL SKILLS

DS & Machine Learning

Python   SQL   Statistics   Deep Learning   NLP   Feature Engineering   EDA

MLOps & Tools

Docker   MLFlow   DVC   Flask API   AWS   GitHub Actions   Git

Libraries

Pandas   NumPy   Scikit-Learn   TensorFlow   PyTorch   Matplotlib   Seaborn

EDUCATION

B.Tech in Computer Science

SVIET, Banur

🗓 2016 – 2020

CGPA: 7.92

CERTIFICATIONS

Supervised ML
Stanford Online (Coursera)

Web Development
Impinge Solutions

Python Training
INFOWIZ, Chandigarh

LANGUAGES

English   ● ● ● ● ●

Hindi   ● ● ● ● ●