Shashwat Jain

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LinkedIn GitHub LeetCode

Objective

Detail oriented B.Tech Data Science student with strong fundamentals in machine learning, data analysis, and full stack development. Focused on building scalable, production grade systems and applying data driven techniques to solve real world problems in high impact environments.

Projects

Artelipi, Premium AI Powered Blogging Platform *Next.js, TypeScript, Firebase, FastAPI, ML*

- Architected and delivered a scalable Medium like blogging platform using a modern cloud native stack.
- Implemented an ML driven content recommendation engine to personalize user feeds based on engagement behavior.
- Built real time social features including follows, likes, bookmarks, comments, and author analytics dashboards.
- Designed an end to end production workflow with secure authentication, real time data storage, and responsive UI.

Customer Segmentation and Market Profiling using KMeans *Python, Pandas, NumPy, Scikit learn*

- Executed end to end customer segmentation using KMeans clustering for data driven audience targeting.
- Performed large scale data preprocessing, feature engineering, and normalization on behavioral datasets.
- Identified distinct customer personas to support strategic marketing and product decisions.
- Delivered actionable insights using visual analytics including Elbow Method and cluster visualizations.

ATS Resume Analyzer *Python, NLP, Flask, React, Scikit learn*

- Designed a privacy first ATS simulator to benchmark resumes against job descriptions.
- Implemented resume parsing and section classification using rule based NLP techniques.
- Built a JD resume matching engine using TF IDF vectorization and cosine similarity.
- Delivered optimization insights through a full stack web application to improve ATS scores.

Education

JECRC University 2022 to 2026
B.Tech Computer Science and Engineering Data Science
CGPA 8.6 Jaipur, Rajasthan

Technical Skills

Programming Languages Python, C++
Machine Learning and Data Pandas, NumPy, Scikit learn, KMeans, NLP, Data Analysis
Web and Backend Next.js, React, FastAPI, Flask, Firebase
Tools and Platforms Git, GitHub, SQL, Jupyter Notebook, Google Colab
Core Fundamentals Object Oriented Programming, Database Management Systems
Languages English, Hindi

Certifications

- Getting Started with Deep Learning NVIDIA
- Fundamentals of Accelerated Computing with CUDA Python NVIDIA
- Machine Learning and Pattern Recognition Samatrix.io
- Advanced Machine Learning Samatrix.io
- Deep Learning Samatrix.io
- Google Cloud