

PUNIT KUMAR

Jalandhar, Punjab, India

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Summary

Computer Science and Engineering student passionate about building scalable systems using AI, data engineering, and cloud technologies. Experienced in Python, Azure, and machine learning with a track record of 30% pipeline optimization and 90%+ model accuracy. Ranked in top 3% at university. Eager to drive impact through efficient, intelligent software solutions.

Education

Lovely Professional University

Bachelor of Technology in Computer Science and Engineering, CGPA: 8.7/10

Aug 2023 – May 2027

Jalandhar, Punjab, India

St. Dominics Sr. Secondary School

Science Stream, 86%

Apr 2020 – Mar 2022

Mathura, Uttar Pradesh, India

Experience

Futureense Technologies

Jun 2025 – Present

Data Engineer Intern

Remote

- Cleaned and transformed 5 marketing datasets totaling 2,00,000 records, improving data quality for 5+ campaigns by 25%.
- Designed 5 interactive Power BI dashboards, reducing report creation time by 50% and enabling real-time insights for 10 stakeholders.
- Developed a Scikit-learn predictive sales model, achieving 85% forecast accuracy and supporting revenue decisions.

Projects

JobSyncPro: Intelligent Job Matching System

Jul 2025

Python, Flask, NLP (SpaCy, Scikit-learn)

- Built a job matching tool using SpaCy and Scikit-learn that matched 10,000 resumes and job descriptions with 90% accuracy.
- Developed REST API with Flask backend to serve interview questions, reducing recruiter prep time by 60%.

AI-Powered Crop Yield Prediction System

Apr 2025

Python, Azure Data Lake Gen2, PySpark, Databricks, Gemini API

- Built a PySpark pipeline on Databricks to process 2,50,000 lines of data 30% faster and cut costs by 15%.
- Trained models on 1,75,000 records and used Gemini API to generate crop insights, boosting yield prediction by 10%.

Technical Skills

Languages: Java, Python, JavaScript, SQL

Frameworks: Flask, Pandas, Matplotlib, Seaborn

Cloud/DevOps: Azure, Git, CI/CD

Databases: MySQL, MongoDB

Tools: Power BI, Apache Spark, Scikit-learn, Databricks

Achievements

- Ranked 2nd among 150+ participants in Microsoft Achiever Club Code Hunt event solving 10 complex algorithmic problems in 3 hours using Python.
- Solved 200+ algorithmic challenges across 5 platforms (LeetCode, GFG, HackerRank, Codeforces, CodeChef) mastering data structures like arrays, trees, and graphs.
- Earned GeeksForGeeks DSA in Python Certification. Solved 150+ questions.
- Obtained IBM Data Engineering Certificate through a 6-week course on big data pipelines.
- Ranked in top 3% of 10000+ students at Lovely Professional University for academic.