PUNIT KUMAR

Jalandhar, Punjab, India

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Education

Lovely Professional University   **Aug 2023 – May 2027**
Bachelor of Technology in Computer Science and Engineering, CGPA: 8.7/10   *Jalandhar, Punjab, India*

St. Dominics Sr. Secondary School   **Apr 2020 – Mar 2022**
Science Stream, 86%   *Mathura, Uttar Pradesh, India*

Experience

Futurense Technologies   **Jun 2025 – Present**
Data Engineer Intern   *Remote*

- Cleaned and transformed 5 marketing datasets totaling 2,00,000+ records, improving data quality for 10+ campaigns by 25%.
- Designed and deployed 8 Power BI dashboards, cutting reporting time by 50% and enhancing real-time decision-making for 15+ stakeholders.
- Developed a predictive sales model using Scikit-learn, Pandas, and Python, achieving 85% forecast accuracy and supporting revenue decisions

Technical Projects

JobSyncPro: Intelligent Job Matching System ⭘   **Jul 2025**
HTML/CSS, Python, Flask, NLP (SpaCy, Scikit-learn)

- Engineered a job matching system using SpaCy and Scikit-learn, processing 10,000+ resumes and job descriptions with 90% alignment accuracy via cosine similarity.
- Designed an automated interview question generator, producing 50+ tailored questions per resume, reducing recruiter prep time by 60% and improving candidate fit by 20%.
- Built a user-friendly interface using Flask, HTML, and CSS, integrating REST APIs to handle 5+ resumes with 99.8% uptime.

AI-Powered Crop Yield Prediction System ⭘   **Apr 2025**
Python, Azure Data Lake Gen2, PySpark, Databricks, Gemini API, Machine Learning

- Deployed an end-to-end data pipeline using Azure Data Lake and PySpark on Databricks, processing 2.5L+ datasets 30% faster and reducing costs by 15%.
- Trained XGBoost, Linear Regression, and Decision Tree models on 1,00,000+ agricultural records, achieving 88% yield prediction accuracy.
- Leveraged Gemini API to generate 20+ actionable reports weekly, enabling farmers to optimize crop yields by 10%

Technical Skills

Languages: Java, Python, JavaScript, HTML/CSS
Frameworks: Flask, Pandas, Matplotlib, Seaborn
Cloud/DevOps: Azure, Git, CI/CD
Databases: MySQL, MongoDB
Tools: Power BI, Apache Spark, Scikit-learn, Databricks

Certifications and Achievements

- Ranked 2nd among 150+ participants in Microsoft Achiever Club Code Hunt 2024 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 completing 40-hour training and 150+ questions in challenges.
- 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 excellence.