Yashvi Sharma

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Summary

Results-driven Software Engineering enthusiast pursuing B.Tech in Computer Science with a specialization in AI and Data Engineering. Proficient in building scalable web applications, APIs, and cloud-native services using Java, Python, React, and AWS. Experienced in developing secure backend systems, integrating ML models, and applying SDLC principles in Agile environments. Recognized for clean code, strong debugging skills, and open-source contributions. Passionate about crafting performant, user-focused software solutions that solve real-world problems.

Education

Lovely Professional University — Aug 2023 – May 2027
Bachelor of Technology in Computer Science and Engineering, CGPA: 8.72/10 — *Jalandhar, Punjab, India*

Delhi International School — Apr 2021 – Mar 2023
Senior Secondary School, Percentage: 83.3% — *New Delhi, India*

Experience

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

- Cleaned and transformed 5 marketing datasets totaling 500,000+ records, improving data quality for 10+ campaigns by 25%.
- Designed 8 interactive Power BI dashboards, reducing report creation time by 50% and enabling real-time insights for 15 stakeholders.
- Developed a Scikit-learn predictive sales model, achieving 85% forecast accuracy and supporting $100K+ revenue decisions.
- Collaborated with a 5-member team to deliver 3 end-to-end data pipelines, boosting client satisfaction scores by 30%.

Projects

Fraud Detection System ⎇ — May 2025
PySpark, AWS, Scikit-learn, Gemini API

- Engineered a scalable ETL pipeline to process and analyze over 1 million financial transactions monthly, achieving a fraud detection accuracy of 95%.
- Enhanced performance by 40% through PySpark optimization on AWS Glue, reducing latency and boosting throughput.

JobSyncPro: Intelligent Job Matching System ⎇ — Jul 2025
Python, Flask, NLP (SpaCy, Scikit-learn)

- Developed a machine learning system utilizing SpaCy and Scikit-learn to match over 10,000 resumes with job descriptions, achieving 90% accuracy in relevancy scoring.
- Implemented a Flask-based REST API delivering tailored interview questions, reducing recruiter preparation time by 60%.

Technical Skills

Languages: Java, Python, JavaScript
Frameworks: Flask, React, Pandas, PySpark
Cloud/DevOps: AWS, Git, GitHub Actions, CI/CD
Databases: MySQL, MongoDB
Tools: Power BI, Scikit-learn, Postman, VS Code

Achievements

- Microsoft Certified: Azure Data Fundamentals (DP-900).
- Top 2% in Btech 2027 batch at LPU among 10,000+ peers.
- Solved 100+ LeetCode problems (Rating: 1531, Top 35% globally).
- Contributed 15+ PRs to open source (GSSOC, SSSOC), improving frontend and backend systems.
- Selected as SheFi Scholar for Women in Tech Leadership, sponsored by Celo.