

PRINCE SHARMA

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SUMMARY

Actively building skills in machine learning, predictive modeling, and real-world data-driven solutions.
Reliable and organized, with the ability to manage responsibilities and ensure smooth execution of tasks.

EDUCATION

MANIPAL UNIVERSITY

Bachelor of Technology

Jaipur, Rajasthan
2024 - 2028

- Major in Computer Science and Engineering
- CGPA: 8.7/10.0
- Relevant Coursework: OOP, DSA, Operating Systems, Computer Architecture, Compiler Design, DBMS

LEADERSHIP & EXPERIENCE

TATA MOTORS

Backend Engineering Intern

Lucknow, Uttar Pradesh
May 2026 – July 2026

- Developed a secure backend system using Spring Boot and PostgreSQL for managing industrial machine maintenance workflows.
- Participated in backend architecture planning, database normalization decisions, and API security implementation.
- Implemented JWT-based authentication and role-based authorization for secure API access control.

PROJECTS

Universal API Security System

- Developing a proxy-layer solution to monitor and secure API traffic in real time.
- Applying basic anomaly detection concepts and access control mechanisms.
- Collaborating on system design and implementation while addressing practical challenges.

Smart Task Manager with Priority & Deadlines

- Built a task management tool to organize and prioritize tasks using deadlines and priority levels.
- Enabled structured tracking to improve productivity and ensure timely completion.
- Focused on efficient management of multiple tasks in a simple, user-friendly system.

CERTIFICATIONS

Dean's List

- For achieving highest grade point average (GPA) in semester I and II.

Machine Learning – Coursera (Andrew Ng, Stanford University)

- Completed rigorous training in machine learning algorithms with mathematical and practical implementation.
- Built predictive models using regression, classification, clustering, and neural networks.
- Implemented optimization techniques including gradient descent and regularization to improve generalization.

SKILLS

Programming Languages: C, C++, Java, Python

Technologies: Spring Boot, PostgreSQL

Tools & Libraries: Git, SQL, Pandas, NumPy, PyTorch, Jupyter Notebook

Software : MS Excel, Power BI, MS Word

Languages: English, Hindi