Pranit Khandelwal

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Education

Manipal University, Jaipur **Class of 2026 (Expected)**

Bachelor of Technology in Computer Science | CGPA : 8.31 *Jaipur, Rajasthan*

Experience

Grismo Solutions **June 2024 – July 2024**

Technical Intern *Gurugram*

- Configured 5+ business units, 20+ products, and multiple inventory organizations within Oracle Fusion SCM to simulate enterprise-level supply chain workflows across 3+ core modules.
- Executed and optimized 50+ SQL queries on training datasets, improving data retrieval efficiency and gaining hands-on experience in cloud-based supply chain integration.

Ascent Cyber Solutions **June 2025 – July 2025**

Technical Intern *Pune*

- Developed an interactive dashboard by cleaning and preprocessing 10k+ sales records using Python, storing data in SQL, and visualizing key metrics (monthly revenue, product performance, regional sales) in Tableau.
- Delivered actionable insights such as identifying top-performing products and underperforming regions, supporting data-driven decision-making for business growth.

Projects

NIFTY-50 Log-Return Forecasting ***Python, Time Series Forecasting, LSTMs, scikit-learn, PyTorch***

- Built a time-series forecasting pipeline on 9+ years (2015–2024) of NIFTY-50 daily data, predicting log returns and benchmarking Naive, Linear Regression, ARIMA (AIC-selected), and LSTM models using time-aware splits.
- Implemented a 30-day sequence LSTM in PyTorch, achieving 20% lower RMSE (0.0075 vs 0.0095) than classical baselines, highlighting limited but measurable non-linear structure in market returns.

Design Plagiarism Detection System ***Python, Django, OpenCV, NumPy, REST APIs***

- Built a backend plagiarism detection engine using pixel similarity, SSIM, ORB feature matching, and color histogram analysis, combining metrics via a weighted scoring and decision layer to classify design similarity.
- Exposed the system via a Django REST API with optional user authentication, supporting both authenticated and anonymous uploads and enabling database-backed reference comparison.

IPL Insights ***Python, SQLite3, Pandas, Google Colab***

- Analyzed IPL data using advanced SQL queries on 6-table relational schema to uncover key player and team insights across 800+ matches
- Executed JOINs, aggregations, and subqueries in Google Colab to simulate real-world sports analytics and strategic performance evaluation.

Skills

Languages: Python, SQL, HTML/CSS
Libraries and Tools: NumPy, Pandas, PyTorch, scikit-learn, OpenCV, Matplotlib
Framework: Django (Working Knowledge)
Speaking: Delivered introductory technical talks on SQL to 200+ students
Other skills: Strong mathematical foundation, fast learning capabilities, adept at logical problem-solving, experience in robust event coordination, and effective team leadership

Leadership / Extracurricular

- **President**, Randomize(); Technical Society MUJ
- **MUJ HackX 2.0**, March 2024 – Advanced to Final Round out of **500+** teams
- **Dean's List Excellence in Academics**, First and Second Semester