

Shishir Pandey

Butwal, Rupandehi, Nepal

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Summary

I'm passionate about technology, particularly in AI, back end development, and drone technology. I'm eager to contribute to meaningful projects while improving my skills. I work well in teams, adapt quickly, and stay committed to personal and professional growth. I'm confident, and communicative, and have two years of experience hosting & anchoring college events.

Experience

Creative System Solution

Jan 2025 - Present

Backend Developer Intern.

- Developing RESTful APIs for efficient data exchange and seamless backend operations.
- Building intelligent backend solutions using Python.
- Collaborating with cross-functional teams to design and deploy scalable features that enhance user experience.

Technical Skills

- Languages – Python, SQL, JavaScript
- Web Development - HTML, CSS.
- Technologies – GitHub, Django
- Concepts – Object-Oriented Programming.

Projects

- 1. Marketing Analysis - Case Study** | Python, Pandas, NumPy | [Project Link](#)
Analyzed 2 sets of structured sales data to identify **top 3 best-selling products** and **top 10% of most loyal customers**, driving **data-driven decision-making** for inventory optimization and customer retention. Leveraged Python with Pandas/NumPy for data cleaning, aggregation, and statistical analysis, with results exported to CSV for stakeholder **review**.
- 2. Land Price Prediction & Trend Forecasting** | Python, NumPy, Scikit Learn, and Matplotlib.
Developed a **Linear Regression Model** to predict land prices and forecast market trends using historical data (location, area, market conditions). Achieved 85% accuracy by optimizing feature engineering and validating results with k-fold cross-validation. Visualized trends and predictions using Matplotlib to highlight correlations between economic factors and price fluctuations.
- 3. Library Management System** | MySQL
A Library Management System built using **MySQL** involves designing a relational database to efficiently manage books, users, transactions, and other library operations. The system utilized DDL and DML query operations to optimize query performance, reducing book search time by 40%.

Education

Pursuing BCA in Django – Pre-Final Year
Crimson College Of Technology

Nov 2022 – Present

Soft Skills

- Communication
- Problem-Solving
- Teamwork
- Adaptability