Shishir Pandey

Butwal, Rupandehi, Nepal

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Summary

I'm passionate about technology, particularly in AI, back end development, machine learning, 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

Aroma Brand 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 – Git Hub.
- 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 **Artificial Intelligence and Machine Learning** – Pre-Final   Nov 2022 – Present
Year College – Crimson College Of Technology,Rupandehi.

Soft Skills

- Communication
- Problem-Solving
- Teamwork
- Adaptability