Sujal Kumar Sethi

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Education

Manipal University Jaipur, Btech in Information Technology	CGPA: 9.03 2022-2026
Hundred Flowers School, 12th	88% 2021-2022

Relevant Coursework

- OOP, DBMS, Data Structures, Computer Networks, Software Engineering, Operating Systems, AIML

Experience

Web Developer Intern, Next 24 Technologies, India   May 2024 - July 2024

- Developed and deployed fully responsive, full-stack web applications, improving load times by 30% and enhancing user engagement across devices.
- Collaborated with cross-functional teams to deliver tailored web solutions, resulting in a 25% reduction in client revision cycles and faster project turnaround.

Projects

Sales Forecasting using Temporal Fusion Transformer (TFT)   Jan 2025 - April 2025

- Built a deep learning pipeline using Temporal Fusion Transformer (TFT) to forecast weekly retail sales with 92.4% MAPE accuracy, outperforming traditional models by up to 22% on a dataset of 30,000 records.
- Enabled 15% inventory cost savings by calculating safety stock and reorder points, and presented insights using Seaborn visualizations and business-focused dashboards.

FaceBuddy   May 2025 - June 2025

- A full-stack MERN web app enabling real-time chat and 1-on-1/group video calls using Stream Chat and Video APIs, with features like typing indicators, screen sharing, and JWT-authenticated routes.
- Implemented scalable state management with Zustand, dynamic UI theming (32 themes), and full deployment on Render, integrating MongoDB, Tailwind CSS, and TanStack Query for performance and developer experience.

Certifications

Data Science : yHills

What is Data Science: IBM(Coursera)

AWS Cloud Technical Essentials: AWS(Coursera)

Technical Skills

Languages: Python, SQL, Javascript, C++, Java

Frameworks/Libraries: pandas, NumPy, scikit-learn, Seaborn, Matplotlib

Tools and Platforms: Power BI, Github, Visual Studio, Apache Web Server, AWS

Concepts: OOP, Data Pipelines, Time Series Forecasting, API Integration, Regression, Classification

Current Interests: GenAI, Spark (Exploring), Hadoop (Exploring)