Raj Tripathi

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My GitHub | My Twitter | My Kaggle

EDUCATION

B.tech 2021/12 – present
ABES Engineeriing College Ghaziabad, India
Computer Science & Engineering(Data Science)

Middle School & High School 2017/04 – 2020/04
DAV Centenary Public School Haridwar, India

EXPERIENCE

Web Developer Intern 2024/02 – 2024/04
VST Growth Business 🔗
- Enhanced user experience and workflow efficiency by 36% through collaborative efforts.
- Implemented new features within tight deadlines, improving functionality and user satisfaction.
- Restructured codebase for maintainability and scalability, integrating industry best practices.
- Boosted team productivity by 30% and accelerated project delivery through optimized workflows.

SKILLS

Programming Languages / Frameworks / Libraries / Databases :
C++, Python, SQL, MySQL, Data Analysis, Machine Learning , Deep Learning, Tensorflow, keras, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, plotly, Streamlit, LLMs, LangChain, React.js, JavaScript, PHP

Tools & Technologies :
Git, Github, BootstrapCSS, Tailwind CSS, Jupyter Notebook, VS Code, MS Excel

Soft Skills :
Problem solving, Team Collaboration, Time Management, Communication, Adaptability, Self-Motivated Individual

SELECTED PROJECTS

Steam Game Analyzer 🔗
- Engineered a streamlined analysis tool, **accelerating game data exploration by 40%** for **over 10,000** Steam titles.
- Leveraged advanced data analysis techniques, including **predictive modeling and trend analysis**, to extract actionable insights from complex datasets.
- Designed and implemented an intuitive user interface, garnering a **95% satisfaction rate** from beta testers.
- Architected the solution using **Streamlit, Python, Pandas, NumPy,** and **Plotly**, optimizing for both performance and scalability

Google Gemini Clone 🔗
- Engineered a fully functional Google Gemini clone, **achieving 100% feature parity and functionality replication.**
- **Crafted a pixel-perfect UI**, meticulously adhering to Gemini's established design patterns and user experience guidelines
- Architected the **front-end using React.js**, seamlessly **integrating Google Gemini API** for powerful LLM capabilities
- Optimized performance, **reducing initial load time by 20%** compared to the original Gemini interface

PresentSeek - The Attendance Management System 🔗
- Engineered detailed dashboards for over 1,000 students, **boosting attendance accuracy by 25%.**
- Architected and optimized data management using **MySQL Database**.
- **Slashed time spent on attendance management by 30%**, revolutionizing administrative processes.
- Leveraged **HTML, CSS, JavaScript, Bootstrap CSS, PHP** and **MySQL** to craft a robust solution.

CERTIFICATES

- Google Data Analytics Professional Certificate 🔗
- Problem Solving (Intermediate) 🔗
- 5 Star in C++ 🔗

COURSE WORK

Data Structures and Algorithms || DBMS || Object Oriented Programming || Operating System