

PIYUSH RAJ

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SUMMARY

Motivated and detail-oriented B.Tech (Computer Science) student with strong programming fundamentals and hands-on experience in frontend development, data analytics and visualization . Proficient in C++, Python, JavaScript, and familiar with database management using MySQL and MongoDB.

TECHNICAL SKILLS

- **Languages:** C++, Python, JavaScript
- **Web Technologies:** HTML, CSS, JavaScript
- **Libraries & Frameworks:** Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn
- **Databases:** MySQL, MongoDB
- **Tools & Platforms:** VS Code, Jupyter Notebook , Git/GitHub, Power BI , Microsoft Excel, Word, Burp Suite
- **Concepts:** Data Structures & Algorithms, Object-Oriented Programming, Exploratory Data Analysis

WORK EXPERIENCE

Data science Intern – Grras Solutions Pvt. Ltd June 2025-Aug 2025

- Working on data cleaning, preprocessing, and feature engineering for real-world datasets.
- Developing and visualizing dashboards using Power BI / Matplotlib / Seaborn.
- Wrote complex SQL queries to extract, transform, and validate datasets from multiple sources.

Frontend Developer Intern – Mission Minded Foundation Aug 2024-Sept 2024

- Engineered cross-platform, responsive web interfaces using HTML, CSS, and JavaScript
- Optimized website performance, accessibility, and SEO best practices

PROJECT EXPERIENCE

Smart Cricket: IPL Winning Analysis Engine

- Collected and cleaned historical IPL datasets using Pandas and performed feature engineering to extract key insights
- Visualized outcomes using Matplotlib and Seaborn to display team-wise performance and winning probabilities.
- Conducted Exploratory Data Analysis (EDA) to visualize trends such as toss impact, venue bias, and player performance.

Cognito web-AI Powered website Builder

- Developed an AI-powered website builder that dynamically generates website layouts based on user input using Gemini API.
- Enabled export/download functionality for AI-generated websites, supporting user-driven edits and reuse.
- Delivered a user-friendly experience with export/download features and automatic domain setup for deployed sites.

EDUCATION

Arya College Of Engineering, Jaipur Sept 2022 – May 2026
Bachelor of Technology – Computer Science CGPA: **8.6**

CERTIFICATES

- Data analytics [Google]- [View](#)
- Data security[Bug Detox LLP]-[view](#)
- Data analytics[Delloite]
- Python [GeeksforGeeks]
- MONGO DB [MongoDB University] - [View](#)
- Data Visualization [Tata Forage] - [View](#)

ACHIEVEMENTS

Microsoft Certifications & Recognitions

- Earned Microsoft Level 9 Profile with 30+ digital badges