

PIYUSH RAJ

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SUMMARY

Motivated and detail-oriented B.Tech Computer Science undergraduate (final year) skilled in C, C++, Python, and JavaScript. Adept at designing scalable software solutions with hands-on experience in frontend development, Data science, and Machine Learning. Eager to leverage cutting-edge technologies in practical deployments.

TECHNICAL SKILLS

- **Languages:** C, C++, Python, JavaScript
- **Web Technologies:** HTML, CSS, JavaScript
- **Libraries & Frameworks:** Pandas, NumPy, Scikit-Learn, Mongoose
- **Databases:** MySQL, SQLite, MongoDB
- **Tools & Platforms:** VS Code, Jupyter, PyCharm, Git/GitHub, Power BI, Excel, Burp Suite
- **Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP)

WORK EXPERIENCE

- 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
- Robotics Intern – Learn and Build** July 2023 -Aug 2023
- Architected and optimized embedded microcontroller solutions with Arduino
 - Enhanced automation workflows by optimizing code for real-time control
 - Configured and synchronized sensors and actuators for real-time robotics control

PROJECT EXPERIENCE

Cric Info – Interactive Cricket Analytics Dashboard

- Designed and deployed a real-time score tracking platform with HTML, CSS, and JS
- Integrated secure authentication and user access management
- Curated user-centric dashboards and refactored the system for scalable architecture
- Restructured the application following a Layered Architecture, improving maintainability by 30%.

Veroit – AI-Powered Conversational Interface

- Prototyped and deployed a dynamic web-based assistant
- Integrated Google Custom Search API for real-time data fetching
- Crafted responsive UI and enhanced latency through performance tuning

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](#)
- Advanced C++ [IIT Bombay] - [View](#)
- MONGO DB [MongoDB University] - [View](#)
- Data Visualization [Tata Forage] - [View](#)

ACHIEVEMENTS

Microsoft Certifications & Recognitions

- Earned Microsoft Level 7 Profile with 28+ digital badges
- Demonstrated commitment to continuous learning via Microsoft Learn skill paths