PARSHANT

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SUMMARY

Final-year B.Tech CSE (AI & ML) student with a strong foundation in data structures and algorithms (200+ problems solved) and a passion for Software Development. Experienced in building real-world full-stack and ML-based projects used by actual users .

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript
Web Development: HTML5, Tailwind CSS, React.js, Node.js, REST APIs
Databases: SQL, MYSQL, MongoDB, Firebase
CS Fundamentals: OOPs, Operating Systems, DBMS, Computer Networks

Projects

AI Smart Attendance System   github.com/parshant786yadav

- Achieved 95%+ detection accuracy in real-time classroom scenarios.
- Integrated facial recognition algorithms that detect and identify students in real time via webcam.
- Integrated backend with SQLite/Firebase for secure data storage and retrieval.
- Improved operational efficiency by 70% over manual attendance, with a modern UI built.

Personal Portfolio + Learning Hub   Parshantyadav.com
- Built a modern portfolio with free courses, certifications, roadmaps, and interactive user features.
- Hosted on a custom domain (parshantyadav.com) via GitHub Pages for global accessibility. .
- Integrated Firebase Authentication for secure email/password and Google-based login
- Used by 2000+ users, improving reach and engagement by 80%.

HireWise – AI Resume Matcher   Resumebuilder.py.com
- Developed AI-powered resume–job matcher using Python (NLTK, scikit-learn) for compatibility scoring.
- Built a full-stack application enabling resume uploads, parsing, and instant match results.
- PDF parsing, keyword extraction, and similarity algorithms, streamlining recruitment workflow by 50%.

Experience

Software QA Engineer Intern , Nxcar (On-site)   Sept 2025 – current
- Built and automated test cases in Python (PyTest), boosting bug detection efficiency by 30–40%.
- Optimized backend logic and debugged performance issues in collaboration with developers.
- Developed test frameworks and integrated CI/CD pipelines, accelerating release cycles.

Artificial Intelligence Intern , IBM (Remote)   July 2025 – sept 2025
- Worked on AI-based solutions using Python and IBM Cloud tools to solve real-world business problems.
- Gained hands-on experience in machine learning, NLP, and model deployment using IBM Watson APIs.
- Earned official certifications and gained hands-on exposure to real-world AI tools and cloud-based technologies.

Education

MDU University, B.Tech in Computer Science and Engineering (AI & ML)	2022 – 2026
Suraj School, Senior Secondary (Class XII – CBSE)	2020 – 2021
RPS School, Secondary Education (Class X – CBSE)	2019 – 2020

ACHIEVEMENTS

- Selected for Smart India Hackathon from college — among the top 5 teams chosen out of 100+ applicants
- Successfully Complete the Artificial Intelligence course authorized by Microsoft and offered through Coursera.