PUSHPRAJ PANDEY

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Education

Vellore Institute of Technology, Bhopal   **Sept 2022 – Present**
B.Tech in Computer Science and Engineering   *CGPA: 7.18/10*
- **Relevant coursework:** Data Structures, Algorithms, Operating Systems, DBMS, Software Engineering, Cloud Computing, Blockchain Technologies

Technical Skills

- **Languages:** Python, C, C++, JavaScript, Dart, Java

- **Web Development:** HTML5, CSS3, React.js, Node.js, Express.js, Django, REST APIs

- **Mobile App Dev:** Flutter

- **Databases:** MySQL, MongoDB

- **Dev Tools:** Git, GitHub, Postman, VS Code, Figma, Jira

- **Concepts:** DSA, OOP, OS, MVC Architecture, CICD, SDLC, Agile Methodology

Projects

Deloitte Australia Data Analytics Job Simulation on Forage   **June 2025**
- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a data dashboard using Tableau
- Used Excel to classify data and draw business conclusions

Pothole Detection System – Flutter, Python, Java, OpenCV, C++, Dart   **July 2024 – Apr 2025**
- Engineered a cross-platform mobiledesktop app for real-time pothole detection via OpenCV and sensors.
- Integrated Python and Java for backend logic, geolocation, and automated reporting with 95% accuracy.

Personal Expense Tracker – React.js, MongoDB, Node.js, HTML, CSS   **Feb 2025 – Apr 2025**
- Built and deployed a full-stack MERN app with RESTful APIs, real-time filters, and modular components.
- Enabled efficient CRUD with secure MongoDB and Express.js backend architecture.
- Implemented role-based access and JWT authentication to secure user data.

Achievements

- Ranked in top 5% in dual NPTEL certifications: Blockchain and Cloud Computing, among 50,000+ learners.

- Silver Medalist in Badminton at AdVITya'23 Sports Fest among 100+ participants.

- Selected for University Innovation Challenge 2025; pitched a smart mobility project to jury panel.

Leadership & Extra-curricular

- Event Coordinator at University Tech Club; organized 10+ workshops and contests for 200+ students.

- Led team to semi-finals in Inter-college Hackathon 2024 with full-stack solution for social impact.

- Core team member in organizing University's Annual Coding Marathon 2024 with 300+ registrations.

Certifications

- Google Cloud Fundamentals – Coursera (2024)

- Blockchain and Cloud Computing – NPTEL (2024)

- Marketing Analytics – NPTEL (2024)

Additional Information

- **Languages:** English (Fluent), Hindi (Native)

- **Soft Skills:** Teamwork, Communication, Time Management, Leadership

- **Interests:** Full-stack Development, Competitive Programming, Chess, Sports