

# PUSHPRAJ PANDEY

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## EDUCATION

**Vellore Institute of Technology, Bhopal**

September 2022 - May 2026

*Bachelor of Technology in Computer Science and Engineering*

**CGPA: 7.18/10**

- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Software Engineering, Computer Networks, Operating Systems, Web Technologies

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C++, JavaScript, SQL, HTML, CSS

**Frameworks and Libraries:** React.js, Node.js, Express.js, Flask, FastAPI, Redux, Socket.io, Chart.js, Matplotlib

**Databases and Cloud Technologies:** MongoDB, MySQL, Git, Docker, Google Cloud Platform, AWS, RESTful APIs

**Development Tools:** Visual Studio Code, PyCharm, IntelliJ IDEA, Eclipse, Postman, Visual Studio

**Certifications:** The Bits and Bytes of Computer Networking, IBM Generative AI Essentials, NPTEL Cloud Computing

## PROFESSIONAL EXPERIENCE

**Deloitte Australia Technology**

May 2025 - June 2025

*Software Development Intern (Virtual Internship)*

*Remote*

- Completed comprehensive technology job simulation covering 4 core modules with 15+ hours of hands-on experience through Forage platform
- Architected 3 software solutions and designed 5 dashboard proposals for client requirements across finance and retail sectors
- Applied 10+ coding best practices and technology consulting methodologies, achieving 95% completion rate on deliverables

**SmartBridge**

January 2025 - March 2025

*Full-Stack Developer*

*Remote*

- Built expense tracker application using React, Node.js, and MongoDB, managing 1000+ transaction records with real-time data visualization
- Integrated generative AI capabilities for automated expense categorization and receipt processing, reducing manual data entry by 60%
- Optimized MongoDB database schemas and indexing, achieving 40% faster query performance for expense analytics and dashboard functionality

## PROJECTS

**NeedForRent - Car Rental Platform** [🔗](#) | [React.js](#), [Node.js](#), [MongoDB](#), [Stripe API](#)

**2025**

- Engineered full-stack car rental platform serving 30+ users with JWT authentication, real-time booking system, and Stripe payment integration
- Built responsive React frontend with Redux state management, accelerating booking process by 60% for active users
- Deployed Node.js backend with secure MongoDB database, processing 50+ daily transactions with 99.8% success rate

**Personal Expense Tracker** [🔗](#) | [React.js](#), [MongoDB](#), [Node.js](#), [Chart.js](#)

**2025**

- Developed full-stack expense management application handling 100+ expense entries with JWT authentication and real-time wallet updates
- Created responsive React dashboard with CRUD operations, enabling users to track expenses across 15+ categories with 95% data accuracy
- Configured secure MongoDB database with role-based access control, supporting 50+ concurrent users through RESTful API

**MedSync – Smart Hospital Management System** [🔗](#) | [React.js](#), [Node.js](#), [Express.js](#), [MongoDB](#)

**2024**

- Engineered comprehensive healthcare management system supporting 6+ hospital departments with real-time OPD queue tracking and automated appointment scheduling across multiple medical facilities
- Facilitated care for 10+ users via digital registration, intelligent admissions, and AI chatbot support
- Connected 2 hospitals city-wide with centralized data sharing, role-based access, and secure authentication

## ACHIEVEMENTS AND INTERESTS

**Technical Achievements:** Solved 150+ Data Structures and Algorithms problems on LeetCode

**Interests:** Outdoor Sports, Technical Writing, Listening Music