

PUSHPRAJ PANDEY

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LinkedIn GitHub

EDUCATION

Vellore Institute of Technology
Bachelor of Technology in Computer Science and Engineering

September 2022 - Ongoing
CGPA: 8.23/10

TECHNICAL SKILLS

Programming Languages: Python, Java, Go, SQL, C/C++, JavaScript
Database & RDBMS: MySQL, MongoDB, PostgreSQL, Query Optimization, Data Modeling
Cloud Platforms: AWS, Azure, Google Cloud Platform (GCP), Big Data Concepts
Development Tools & Frameworks: React.js, Node.js, Express.js, Flask, FastAPI, Git, Docker
Development Methodologies: Test-Driven Development, CI/CD (Jenkins), System Integration Testing
Core Computer Science: Data Structures & Algorithms, Object-Oriented Programming, Problem-Solving

PROFESSIONAL EXPERIENCE

The SmartBridge
Full-Stack Developer

January 2025 - April 2025

- Developed 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

DriveKaro | *React.js, Node.js, MongoDB, Stripe API*

March 2025 - June 2025

- Car Rental Platform Developed full-stack rental system for 30+ users with JWT authentication, live booking functionality, and Stripe-based 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

PennyPilot | *React.js, MongoDB, Node.js, Chart.js*

December 2024 - January 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

SehatStation | *React.js, Node.js, Express.js, MongoDB*

September 2024 - October 2024

- Smart Hospital Management System built end-to-end healthcare management solution covering 6+ departments with real-time OPD queue tracking and automated appointment scheduling across 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

Programming: Solved 200+ algorithmic problems across CodeChef, LeetCode, GFG, and CodeForces
Open Source: Active GitHub contributor with 15+ repositories, 200+ commits, and 10+ full-stack applications built with React.js, Node.js, MongoDB and Python
Certifications: Google The Bits and Bytes of Computer Networking, Oracle MySQL HeatWave Implementation, Oracle Data Science Professional
Interests: Outdoor Sports, Technical Writing, Listening Music

Extracurricular Activities

Event Organizer - Badminton Co-ordinator Annual sports Tech Fest AdViTYa, managed 50+ participants (2024)
Volunteer - NSS (National Service Scheme), participated in community service initiatives (2023-2024)
Sports - Inter-college Badminton Team member