

AKANKSHA PANDA

Mumbai, Maharashtra, India

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Education

VIT Bhopal University

Bachelor of Technology-Computer Science
CGPA: 8.77

Oct 2022 - Jul 2026

Bhopal, Madhya Pradesh

SNBP International School

Class 10 CBSE
Percentage : 89%

Mar 2021- Jun 2022

Pune, Maharashtra

SNBP International School

Class 10 CBSE
Percentage : 96%

Mar 2019- Jun 2020

Pune, Maharashtra

Relevant Coursework

- Data Structures
- Software Methodology
- OOP Principles
- Database Management
- Operating Systems
- Computer Networks
- Web Programming

Experience

Wells Fargo

Jun 2024- Jul 2024

Virtual Experience Program

- Drafted comprehensive financial portfolio documentation, reducing compliance issues by 30%.
- Optimized system efficiency, leading to 15% faster processing of financial reports.
- Devised an Entity Relationship Diagram (ERD) in IntelliJ, enhancing data structure clarity, leading to a significant reduction of 40% in data-related debugging efforts.

Projects

Money Mentor | ReactJS, NextJS, Tailwind CSS, Supabase, Prisma, Inngest, ShadCN | Link Aug 2024- Dec 2024

- Built an AI-powered finance management system, enhancing real-time transaction tracking and achieving 98% categorization accuracy.
- Developed a receipt scanner with 99% precision using Arcjet & ShadCN, cutting manual data entry time by 70%.
- Implemented automated email alerts & AI-driven insights, boosting financial awareness by 40% and user retention by 25%.

DDOS attack classification | Python, NumPy, Pandas, Matplotlib | Link

May 2024- Jul 2024

- Developed and evaluated 3 ML models (Random Forest, Logistic Regression, Neural Network) on a 70:30 split, achieving up to 96% accuracy and 94% F1 score.
- Engineered an ML pipeline (cleaning, EDA, scaling, evaluation) resulting in a 25% improvement in classification precision on imbalanced data.
- Visualized model performance via ROC curves and confusion matrices, demonstrating a 1 AUC for Random Forest and enabling clear threat mitigation insights.

SnapServe | ReactJS, MongoDB, NodeJS, ExpressJS | Link

Dec 2023-Mar 2024

- Built a local service finder simulating 50+ listings, reducing search and booking time by 60% for users.
- Implemented a robust 3-tier JWT authentication system, securing over 98% of routes against unauthorized access.
- Integrated Stripe for online payments, achieving 100% automated transactions and improving appointment confirmation by 35%.

Technical Skills

Programming Languages: C++, Java, Python, JavaScript

Web Technologies: HTML, CSS, Tailwind, React, Node, Express, Next, TypeScript

Databases: MySQL, MongoDB

Platform and Tools: Linux, AWS, Git, GitHub

Additional

- Spoken Languages: Fluent in English, Hindi; Conversational in Oriya
- Co-authored "Innovations in Biodiversity Monitoring: AGI Drones at the Forefront" in *Artificial General Intelligence-Based Drones for Climate Change*, IGI Global, 2025.
- Certifications: MongoDB Database Administrator(MongoDB), NPTEL- Marketing Analytics, Postman API Student Expert, NPTEL- Cloud Computing, The Bits and Bytes of Computer Networking (Coursera), Python Essentials (VIT Bhopal)