

EDUCATION

VIT Bhopal University

B.Tech — Computer Science and Engineering (CGPA 7.9/10)

2022–2026

TECHNICAL SKILLS

Programming Languages: Python, Java, C++

Languages: English, Hindi, French

Frameworks: Django, MySQL, Flask

Cloud: AWS

SELECTED PROJECTS

❖ Medical Consultation Website

Project Exhibition

HTML • JavaScript • CSS • PHP • MySQL

- Designed and developed a web-based platform to streamline medical consultations for college students.
- Created a user-friendly website enabling students to book appointments with on-campus doctors, eliminating physical queues.
- Integrated features such as:
 - **Secure login system** for students and doctors.
 - **Real-time appointment scheduling** and doctor availability tracking.
 - **Consultation history management** for better medical record-keeping.
- Focused on enhancing accessibility and efficiency through an intuitive interface and responsive design.
- Aimed to reduce wait times, improve medical support efficiency, and enhance the overall health management experience on campus

❖ Cervical Cancer Detection

Project Exhibition

Python • Pandas • Scikit-learn • Matplotlib • Seaborn

- Developed a machine learning-based system to predict the risk of cervical cancer using patient medical data.
- Built a predictive model for **early detection of cervical cancer** by analyzing demographic, behavioral, and medical history data.
- Performed **data preprocessing and exploratory data analysis (EDA)** to identify key risk factors and improve model accuracy.
- Implemented and compared multiple classification algorithms:
 - Logistic Regression
 - Decision Tree
 - Random Forest
 - Support Vector Machine (SVM)
- Evaluated model performance using **accuracy, precision, recall, and F1-score**.
- Achieved **96% accuracy**, indicating potential real-world application in early diagnosis and awareness.

❖ ShareSpace

EPICS

Next.js • TypeScript • Tailwind CSS • NextAuth • Prisma

- Developed a **full-stack property-sharing platform** enabling users to list, discover, and connect over real estate offerings.
- Implemented **secure user authentication** with email/password and social login using NextAuth.
- Designed **intuitive multi-step listing forms** for property creation.
- Optimized **map search functionality** and integrated **real-time location-based filtering** using Leaflet.
- Created a **responsive and scalable UI** using Tailwind CSS for seamless cross-device experience.
- Managed backend operations with **Prisma ORM and MongoDB** for efficient data storage and retrieval.

CERTIFICATIONS

- **IBM Certified Blockchain**
- **IBM Certified GenAI**
- **The Bits And Bytes Of Computer Networking**

ACHIEVEMENTS

- **Finalist — Hack For India 2025**