

# Rutvik Sanjay Manmode

Reg. No.: 22BCE10696

Bachelor of Technology

VIT Bhopal University, Bhopal

+91-8605735695

✉ rutvikmanmode127@gmail.com

https://github.com/rutvikmanmode

<https://www.linkedin.com/in/rutvik-manmode-740942251/>

## EDUCATION

- |   |                    |
|---|--------------------|
| - <b>B.Tech in Computer Science &amp; Engineering</b> | 2022 - 2026        |
| VIT Bhopal University, Bhopal                         | CGPA: 7.79         |
| - <b>Class 12 – HSC</b>                               | 2021-2022          |
| Sri Chaitanya Junior College, Pune                    | Percentage – 82.3% |

## TECHNICAL SKILLS

**Languages & Framework:** Java, Python, C++, JavaScript, React.js, Node.js, Express, Tailwind CSS, REST API

**Databases & Cloud:** MongoDB, MySQL, AWS

**DevOps & Tools:** GitHub, Docker

**CS Fundamentals:** OOPS, DBMS, Operating System, Computer Networks

## Experience

### Hum Aspen Wellness Pvt Ltd

Full stack development Internship

Nov 2024 – Jan 2025

- Developed and optimized web-based solutions as a Full Stack Development Intern, contributing to front-end and back-end improvements, debugging, and deployment activities to enhance functionality of digital wellness platforms..
- Collaborated with cross-functional teams to integrate health AI platforms, improving user experience and ensuring smooth operation of web applications..

## PROJECTS

### Blood Bank Management System

- Engineered scalable blood bank system using AWS, optimizing user interface and operational accuracy.
- Increased user engagement by 50% with responsive designs using PHP, JavaScript, HTML, and CSS.
- Achieved 99.8 % system up-time with a robust backend supporting real-time data processing.
- Collaborated with a 4-member team to gather requirements and conduct end-to-end testing, ensuring smooth deployment and reducing post-release defects by ~20%.
- Met all project requirements and reduced system errors by 20% through rigorous testing

**Technologies:** HTML, CSS, JavaScript, PHP, MySQL

### ShopVIT

- Identified student problems inside the campus to buy or sell their things inside the campus.
- Project follows a systematic development process and leverages modern technologies to create a robust platform.
- Key steps include website development using Python, HTML, CSS and Django, customization of the user model.
- Implementation of security measures such as ID card submission and verification.
- Integration of a UPI payment gateway, and the inclusion of features like listings, search functionality

**Technologies:** HTML,CSS,Django (Python),Postgres SQL,Anaconda

### Health-Sphere

- Engineered a layered architecture using MERN Stack to enable secure, scalable handling of patient–doctor data, supporting 100% role-based access control and encrypted storage for all medical reports.
- Created modular backend services with OTP-based authentication, QR code–driven temporary data sharing, and API encryption, reducing unauthorized access incidents to 0 during testing.
- Integrated Dialogflow NLP chatbot and Google Maps API to deliver AI-powered symptom guidance and location-based doctor recommendations, improving patient query resolution speed by over 60%.
- Adopted Agile methodology with iterative testing and feedback loops, accelerating bug resolution and consistently delivering features within sprint timelines.

**Technologies:** React.js, Node.js, Express.js, Supabase, DialogflowAPI, QRcode.react, JavaScript, Tailwind CSS

## CERTIFICATES

- **NPTEL:** Cloud Computing, Marketing Analytics
- **Euthnus:** MERN Full Stack developer
- **IBM:** Cyber Security Analyst