

Jitesh Bagale

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Education

B.Tech in Information Technology	2022–2026
JSPM's Rajarshi Shahu College of Engineering, Pune	
CGPA: 8.42 / 10 (6th Semester)	
Higher Secondary Certificate (HSC)	2022
D.G. Ruparel College of Science, Arts & Commerce, Mumbai — 71.0%	
Secondary School Certificate (SSC)	2020
St. Francis D'Assisi High School, Mumbai — 86.20%	

Technical Skills

OS & Tools: Linux (Ubuntu, Kali), ASP.Net Framework, Wireshark, PowerShell, GitHub
Programming: C, C++, Java, Python (Basics), Bash (Basics), Agile methodology
Database: SQL, MongoDB (Basics)
Soft Skills: Communication, Problem Solving, Team Collaboration

Projects

VR-Based Medical Surgical Simulator (Major Project) – In Progress

- Developing a **VR-based simulator** for medical students to practice surgical procedures safely.
- Implementing realistic anatomical models and physics-based interactions for immersive learning.
- Exploring integrations for real-time feedback and performance assessment.

Expense Splitter Web Application

- Developed a web-based Expense Splitter application to manage and split shared expenses among multiple users with real-time balance calculation.
- Implemented user registration and authentication with secure data storage using ASP.NET Core Identity and Entity Framework Core.
- Used Entity Framework Core (Code-First approach) for database migrations and data persistence.

Network Scanner – Bash/Linux

- Built a **Developed** automated Bash scripts to monitor network resources, identify live hosts and open ports.
- Implemented scheduled scans and documented outputs for troubleshooting and reporting.
- Scanned common ports (22, 80, 443) using TCP socket probing.

Certifications

- Oracle Cloud Infrastructure Certified Networking Professional — Oracle (2025)
- Networking Basics — Cisco Networking Academy
- Using Python to Interact with the Operating System — Google
- Connect and Protect: Networks and Network Security — Google

Leadership & Activities

- Secretary — Student Association of Information Technology
- Social Media Head — GeeksforGeeks Student Chapter
- Institute-Nominated Participant — Smart India Hackathon 2024