

Rushbh Mistry

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3rd-year B.Tech Computer Science and Engineering student with strong skills in Python, Java, and C. Passionate about Linux, networking, and open-source technologies. Focused on problem-solving through data structures and algorithms. Always eager to learn and contribute to innovative tech projects.

PROJECTS

AI CHATBOT ORGANIZATIONS

Developed an intelligent AI-powered chatbot designed to assist employees in a public sector organization. Features include handling HR and IT support queries, document summarization, bad language filtering, and 2FA security for enhanced user protection.

Technologies Used: Python, FastAPI, Dialogflow, Hugging Face Transformers, PyPDF2

SNS - Command Execution Over Network

Developed a system to send and execute commands remotely over a network, enabling seamless communication and control between connected devices. Features include secure command transmission, real-time response handling, and support for multiple command types.

Technologies Used: Python, Sockets, Networking

Home Server Setup

Repurposed an old laptop into a fully functional home server running on Linux. Configured the server to host services like file sharing, media streaming, and remote access. Implemented security measures, including firewall rules and SSH access.

Technologies Used: Linux (Ubuntu), SSH, Samba, Apache/Nginx, Firewall

Education

Parul University, Gujarat, India
B.Tech in Computer Science and Engineering

CGPA: 7.85/10
2026

Edunova Higher Secondary School, Gujarat, India
Higher Secondary Certificate (HSC)

Percentage: 80%
2021

Madhav Vidhya Sankul, Vastral, Gujarat, India
Secondary School Certificate (SSC)

Percentage: 80.2%
2019

Skills & Abilities

Technical Skills

- Proficient in Python, Java, C
- Strong knowledge of Linux systems and networking
- Skilled in data structures and algorithms
- Familiar with SQL and database management

Core Abilities

- Problem-Solving
- Logical Thinking
- Quick Learner
- Adaptability