MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING

Name of Student: PRATYUSH SHARMA
B.Tech: Class of 2026
Technology Stream: Computer Engineering
Date of Birth: 03-02-2005

EDUCATION

Qualification	Institute	Board/University	Year	% / CGPA out of 4
Btech(CSE)	Mukesh Patel School Of Technology Management and Engineering **(MPSTME)**	NMIMS MUMBAI	Aug 2022 - Present	3.32 / 4
XII	Yak Public School, Khopoli	CBSE	2021 - 2022	86%
X	AECS-2, BARC, Mumbai	CBSE	2019 - 2020	90.6%

INTERNSHIP/EXPERIENCE

- Sr. Exec for (Operation Management) at **Microsoft Students Club, MPSTME**, Mumbai **(2024, Full-Time).**
- Summer Intern at **Nuclear Power Corporation Of India Limited (NPCIL)**, Mumbai **(2024, On-Site).**
- Summer Intern at **Grazitti Interactive**, Panchkula **(2024, Remote).**
- Summer Intern at **Shri Krishna Enterprises**, Chandigarh **(2023).**
- Community Service Volunteer at **Sri Sri Ravishankar Vidya Mandir (SSRVM)**, Dharavi, Mumbai **(2023).**
- Secured First Place in Football and Debugging at the intercollegiate Competition of Bhavna College.
- Secured First Place in Hackathon at the intercollegiate Competition of Chandrabhan Sharma College.
- Secured First Place in Football at the intercollegiate Competition of LR Tiwari College.

ACADEMIC PROJECTS / INTERNSHIP WORK

- **Web Application Vulnerability-Study and Assessment (NPCIL - Research/Work)**

  Conducted research on the OWASP Top 10 web-application vulnerabilities, focusing on the open-source Zed Attack Proxy (OWASP ZAP). Used OWASP ZAP to perform penetration tests on multiple web applications, identified and catalogued security flaws, and generated detailed vulnerability reports for developers to remediate.

- **Online Shoe Shopping Website (Internship Project at Grazitii Interactive)**

  A responsive e-commerce platform built from scratch during my Internship. It features an add-to-cart functionality, dynamic product displays, and a user-friendly layout, showcasing my skills in front-end development.

- **CollabDocs (Semester Project)**

  It is a real-time collaborative text editor where multiple users can edit a shared document simultaneously. Built with React, Express, Socket.IO, and MongoDB, this project allows users to collaborate in real-time, with changes being reflected instantly across all user screens.

- **Speech Authenticator (Semester Project)**

  A Flask-based web application that enables users to register with their name and a personalized passphrase, then log in using their voice. The app uses OpenAI's Whisper model to transcribe spoken input and authenticates users by matching the transcript with the stored passphrase. The interface supports both microphone input and file upload.

- **Safe Robotic Transit (Semester Project)**

  Under the guidance of Dr.Kuntal Chakrabarti, our team of two successfully developed a secure robotic transit system. This autonomous robot is proficient in obstacle avoidance during its movement. Programming Arduino UNO in C language.

- **Mental Health And Well Bieng App (Semester Project)**

  This project help users track moods, identify patterns with a color-coded calendar, and receive personalized self-care suggestions. The app featured proactive risk assessments, access to professional support, and a user-friendly interface for seamless navigation.

SOFTWARE SKILL SET

- C,C++
- MySQL, Mongo DB

- Core Java
- Understanding of Data Structure and Algorithms

- Python
- HTML,CSS, CSS FlexBox and JavaScript,
  Node js, Angular js, React, Express

- Microsoft Excel
- AutoCad
- Android Studio
- SAS Studio
- Tableau
- OWASP ZAP

CO-CURRICULAR ACTIVITIES

- Interests include listening to music and playing football.

LANGUAGES

- English
- Hindi (Native)