

# MAYUR NERPAGAR

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## EDUCATION

<b>Priyadarshini College Of Engineering, Nagpur.</b> <i>B.TECH - Information Technology</i> <b>Percentage - 76.22%</b> ( <i>Pursuing</i> )	<b>2023 - 2026</b> <i>Nagpur, Maharashtra</i>
<b>Government Polytechnic, Jalgaon.</b> <i>Diploma in Information Technology</i> - <b>Percentage - 83.56%</b>	<b>2020 - 2023</b> <i>Jalgaon, Maharashtra</i>
<b>Burhani English Medium School, Pachora, Jalgaon.</b> <i>SSC - Percentage - 92.60%</i>	<b>2019 - 2020</b> <i>Jalgaon, Maharashtra</i>

## EXPERIENCE

<b>Sofcon Pvt. Ltd. Pune</b> <a href="#">↗</a> <i>Intern</i>	<b>July 2022 - August 2022</b> <i>Pune, Maharashtra</i>
<ul style="list-style-type: none"><li>• Gained knowledge in Full Stack Development using Python.</li><li>• Acquired proficiency in utilizing diverse Python libraries to enhance programming capabilities.</li><li>• Engineered applications in Python, utilizing MySQL and Firebase for robust database functionality..</li></ul>	

## TECHNICAL SKILLS

- **Languages:** Java,C, C++, Android, Python, JavaScript, PHP.
- **Tools:** GitHub, Git, Firebase.
- **Technologies/Frameworks:** Android Development, Python Libraries, Bootstrap.
- **Concept:** Object-Oriented Programming(OOP's),Data Structures and Algorithms, DBMS, Operating System, Software Testing, Computer Networks, Machine Learning.
- **Soft Skills:** Team Leadership, Team Management, Problem Solving.

## PROJECTS

<b>Real Time Emotion Detection</b> <a href="#">↗</a>   <a href="#">Python</a> , <a href="#">Keras</a> , <a href="#">OpenCV</a> , <a href="#">NumPy</a>	<b>Jan - Apr 2025</b>
<ul style="list-style-type: none"><li>• Developed a <b>real-time</b> facial emotion detection application using a pre-trained Convolutional Neural Network (CNN) model with Keras..</li><li>• Integrated Haar Cascade classifiers (frontal and profile) via <b>OpenCV</b> to detect faces from webcam input, ensuring robust performance even with profile views or occlusions (e.g., glasses) .</li><li>• Displayed live predictions on video feed with bounding boxes and emotion labels including <i>happy, sad, angry, fear, disgust, surprise, and neutral</i>.</li></ul>	
<b>Hostel Administration</b> <a href="#">↗</a>   <a href="#">Bootstrap</a> , <a href="#">XAMPP</a> server, <a href="#">PHP</a> , <a href="#">JavaScript</a>	<b>July - Nov 2023</b>
<ul style="list-style-type: none"><li>• Designed and developed a full-stack web application to manage hostel-related administrative tasks including student registrations, room allocations, displaying merit list, etc.</li><li>• Implemented secure <b>student registration and login</b> with role-based access for admins, wardens, and students.</li><li>• Created an <b>admin dashboard</b> to monitor occupancy and system statistics with real-time updates.</li></ul>	

## ACHIEVEMENTS

- Reached **Top 3 position** in college-level Hackathon organized by G.H. Rasoni College, Nagpur competing among 70+ teams.
- Participated National-level Hackathon **TECHSHAstra 2024** organized by S.B. Jain Institute of Technology, Management and Research, Nagpur.