



# Mayur Nerpagar

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## SUMMARY

Dedicated and results-oriented Information Technology student with a strong academic background and a drive to solve real-world problems. Skilled in Java, Python, C, C++, JavaScript, web, and database technologies. Quick to learn, adaptable, and effective in collaborative environments.

## EDUCATION

<b>Priyadarshini College Of Engineering, Nagpur.</b>	<i>Nagpur, Maharashtra</i>
<i>B.TECH - Information Technology Percentage - 77.20% (Pursuing)</i>	2023 - 2026
<b>Government Polytechnic, Jalgaon.</b>	<i>Jalgaon, Maharashtra</i>
<i>Diploma in Information Technology - Percentage - 83.56%</i>	2020 - 2023
<b>Burhani English Medium School, Pachora, Jalgaon.</b>	<i>Jalgaon, Maharashtra</i>
<i>SSC - Percentage - 92.60%</i>	2019 - 2020

## EXPERIENCE

### Acmegrade

<i>Full-Stack Web Development</i>	<i>July 2025 - Present</i> Bengaluru, Karnataka (Remote)
<ul style="list-style-type: none"><li>Developed skills in full stack web development, building responsive and dynamic applications with frontend and backend technologies.</li><li>Created web solutions with integrated databases and server-side logic for robust, seamless user experiences.</li></ul>	

### Sofcon Pvt. Ltd. Pune

<i>Python Full-Stack</i>	<i>July 2022 - August 2022</i> Pune, Maharashtra
<ul style="list-style-type: none"><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, JavaScript, C, C++, Android, Python, 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

### Real Time Emotion Detection | Python, Keras, OpenCV, NumPy Jan - Apr 2025

- Developed a real-time facial emotion detection application using a pre-trained CNN model in Keras, capable of classifying emotions such as *happy, sad, angry, fear, disgust, surprise, and neutral*.
- Integrated Haar Cascade classifiers with OpenCV for robust face detection (frontal and profile) from webcam input, handling occlusions like glasses and overlaying live predictions with bounding boxes and emotion labels on the video feed.

### Silent Saviour - Personal Safety App | Java, Firebase, Location & SMS APIs Oct - Nov 2024

- Developed a personal safety Android app that sends an SOS SMS with live location when the volume down button is pressed three times, integrating location tracking, SMS automation, and persistent login using SharedPreferences.
- Integrated Firebase Authentication and Realtime Database for secure user login, emergency contact storage, and handled runtime permissions to ensure reliable operation after app restarts.

## ACHIEVEMENTS

- Secured **Top 3 position** among 70+ teams in a college-level Hackathon at G.H. Rasoni College, Nagpur.
- Participated in the **National-Level TECHSHASTRA 2024 Hackathon** at S.B. Jain Institute, Nagpur, showcasing innovative problem-solving and teamwork.