

# Piyush Mandloi

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Madhya Pradesh, India

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## ASPIRING FULL STACK DEVELOPER

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I'm a passionate and enthusiastic Computer Science student with hands-on experience in building projects in full-stack development and machine learning. I'm actively solving coding problems and creating real-world applications.

## TECHNICAL SKILLS

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<b>Languages</b>	: Python (Intermediate), Java (Basic), C (Basic), JavaScript (Intermediate)
<b>Frontend</b>	: HTML, CSS, Js, React.js, Bootstrap, Tailwind CSS
<b>Backend</b>	: Node.js, Express.js, MongoDB, Flask
<b>AI/ML</b>	: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, TensorFlow, OpenCV
<b>Tools</b>	: Visual Studio Code, GitHub, Postman
<b>Core Subjects</b>	: OS, CN, DBMS, OOPS

## EDUCATION

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<b>B-Tech in CSE</b>	: Parul Institute of Engineering & Technology, 2022 – 2026, CGPA: 6.87
<b>Class XII – CBSE</b>	: Kendriya Vidyalaya, Barwaha, 2021, 90%
<b>Class X – CBSE</b>	: Kendriya Vidyalaya, Barwaha, 2019, 87.2%

## PROJECTS

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<b>Background Removal Web App</b>	<i>React.js, Node.js, MongoDB</i>	<a href="#">Link</a>
<ul style="list-style-type: none"><li>Developed a full-stack web application that allows users to upload images and remove backgrounds.</li><li>Implemented user authentication and image storage using MongoDB and Express.</li><li>Deployed using Vercel with optimized backend routes and real-time processing.</li></ul>		
<b>3D Portfolio Website</b>	<i>React.js, Three.js, Framer Motion</i>	<a href="#">Link</a>
<ul style="list-style-type: none"><li>Built a 3D animated personal portfolio website using Three.js and React for interactive visualization.</li><li>Used Framer Motion to enhance the user experience with smooth animations and page transitions.</li><li>Responsive design optimized for desktop and mobile browsers.</li><li>Demonstrates my technical skills, projects, and contact information in a modern layout.</li></ul>		
<b>ML Movie Recommendation System</b>	<i>Python, Flask, Scikit-learn</i>	<a href="#">GitHub</a>
<ul style="list-style-type: none"><li>Engineered a content-based movie recommender using cosine similarity and TF-IDF on movie metadata.</li><li>Built RESTful APIs with Flask to serve recommendations and integrated it with a frontend using HTML, CSS, and JavaScript.</li><li>Included search and recommendation functionality for a dataset of 5000+ movies.</li><li>Designed with modularity for easy integration into other media-based applications.</li></ul>		

## ACHIEVEMENTS

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- Solved 350+ coding problems on **LeetCode**, and 50+ on **HackerRank**.
- Built 70+ projects in Web Development, AI, and ML.
- Active participant in competitive programming and project-based learning.