

# Vibhanshu Jain

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## About

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I am a final year B.Tech student in Electrical and Computer Engineering at Manipal University Jaipur with a CGPA of 8.12, I have a strong foundation in **Full Stack Development**. I am highly motivated to apply my technical skills and contribute to projects involving Software Development and Web Technologies.

## Quick Guide

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- I am proficient in programming languages like **Java**, **JavaScript**, and **Python**
- My expertise includes web development using frameworks and technologies like **Node.js**, **Express.js**, **FastAPI**, **Django** and **React.js**.
- I have hands-on experience with databases such as **MongoDB** and **MySQL**, and I am well-versed in version control tools like **Git** and **GitHub**.
- I am comfortable working with development environments like Visual Studio Code and IntelliJ IDEA, and I utilize npm for package management.

## Education

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<b>Manipal University Jaipur</b> , B.Tech. in Electrical and Computer	Oct 2021 – July 2025
• GPA: 8.12/10	
• <b>Coursework:</b> Data Structures, Database Management System, Analog and Digital System.	
<b>D.T.E.A. Senior Secondary School</b> , CBSE 12th, Marks: 78.2%	Apr 2019 – Mar 2020
<b>Happy Senior School</b> , CBSE 10th, Marks: 76.8%	Apr 2017 – March 2018

## Projects

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<b>Talent Trajectory Platform</b>	March 2025 – April 2025
• Developed a Full Stack platform to predict <b>student placement status</b> and <b>expected salary</b> using ML algorithms.	
• Integrated a robust <b>Resume Parsing Model</b> to extract candidate information and skills from resumes.	
• Built an <b>ATS Score Calculator</b> that evaluates resumes based on formatting, keyword relevance, and grammar.	
• Designed a responsive and interactive frontend using <b>React.js</b> , integrated with backend APIs to display predictions and resume feedback in real time.	
• Utilized the <b>Django REST Framework</b> for backend APIs and managed ML model deployment and inference.	
<b>PyChan - AI Python Tutor</b>	Jan 2025 – Feb 2025
• PyChan is an AI-powered tutor designed to assist users in learning Python.	
• Backend: <b>FastAPI(Python)</b> , Frontend: <b>React</b> , Integrated with the <b>Gemini API</b> for intelligent feedback.	
• Gained hands-on experience with FastAPI and React.	
<b>Smart Object Control via Facial Recognition</b>	Oct 2024 – Dec 2024
• Developed a smart object control system that uses <b>facial recognition</b> to identify and authenticate users for controlling IoT devices.	
• Implemented a facial recognition algorithm using a <b>Siamese Neural Network</b> , achieving high accuracy in detecting and verifying users in real time.	
• Integrated the system with an <b>ESP8266</b> and <b>Servo Motor</b> , allowing users to control them through a facial recognition interface.	