

# Manas Gupta

+91 6287094202 / [manaskothia2004@gmail.com](mailto:manaskothia2004@gmail.com) / [linkedin.com/in/manasgupta04](https://www.linkedin.com/in/manasgupta04) / [github.com/manas-g-code](https://github.com/manas-g-code)

## EDUCATION

<b>Chandigarh University</b> <i>Bachelor of Engineering in Computer Science</i>	CGPA – 7.87 Aug. 2022 – May 2026
<b>Kendriya Vidyalaya, 3BRD AFS Chandigarh</b> <i>Intermediate (CBSE)</i>	Percentage: 89.4% 2021-2022
<b>Kendriya Vidyalaya, 3BRD AFS Chandigarh</b> <i>Marticulation (CBSE)</i>	Percentage: 90.2% 2019-2020

## PROJECTS

<b><u>TRAVY – AI Travel Planner Website</u></b> / React.js, Node.js, Express.js, OpenAI API	Nov 2024 – Mar 2025
<ul style="list-style-type: none"><li>Developed an intelligent web app that <b>generates personalized travel itineraries</b> using <b>AI</b> based on user preferences and trip duration.</li><li>Integrated <b>OpenAI API</b> to suggest destinations, activities, and optimal routes with over <b>92% user satisfaction</b>.</li><li>Implemented features like <b>budget filtering, real-time weather insights, and interactive maps</b> for enhanced planning.</li><li>Designed a responsive UI using <b>React</b> and <b>Tailwind CSS</b>, with secure backend APIs built on <b>Node.js</b> and <b>Express</b>.</li></ul>	
<b><u>PIXPIN – A Visual Discovery Platform</u></b> / MERN, Bcrypt	Apr 2024 – Jul 2024
<ul style="list-style-type: none"><li>Developed a <b>full-stack web app</b> for users to post, update, and share images with real-time commenting features.</li><li>Implemented like/dislike, edit/delete, and <b>threaded comment</b> interactions, boosting user engagement by <b>75%</b>.</li><li>Added <b>search functionality</b> to filter posts by title and description, enhancing content discoverability.</li><li>Designed a <b>responsive UI</b> with Tailwind CSS and secured authentication using <b>JWT</b> and <b>Bcrypt</b>.</li></ul>	
<b><u>Handwritten Digit Recognition</u></b> / Python, Libraries, MNIST Dataset	Sep 2023 – Nov 2023
<ul style="list-style-type: none"><li>Developed a handwritten digit recognition system using <b>Python, TensorFlow, and OpenCV</b>, achieving <b>95%</b> classification accuracy on the MNIST dataset.</li><li>Trained a <b>Convolutional Neural Network (CNN)</b> model with optimized hyper-parameters improved for, prediction reliability.</li><li>Integrated a user-friendly desktop interface using <b>Tkinter</b> for real-time digit input and instant prediction.</li><li>Ensured <b>97%</b> model robustness through extensive testing across varied digit styles input noise levels.</li></ul>	

## CERTIFICATIONS / ACHIEVEMENTS

- NPTEL Elite Certification in Cloud Computing with a score of 84%.**
- Solved 300+ DSA questions on LeetCode, Coding Ninjas and GFG platforms.**
- Coursera Certification in Python for Data Science, Databases, and Operating Systems.**

## TECHNICAL SKILLS

**Languages:** C/C++, Python, Java, SQL (MYSQL), JavaScript, HTML, CSS.

**Frameworks:** React, Node.js, Bootstrap, Nodemailer, Bcrypt.js, Express.js, Mongoose.

**Developer Tools:** Git, AWS, VS Code, MongoDB Compass, Postman.

**Libraries:** Pandas, NumPy, Matplotlib, TensorFlow, OpenCV, Tkinter.

**Others:** Data Structure and Algorithms, Operating System, Object Oriented Programming, Computer Networks, Database Management System (Relational Databases), Distributed System.