

# Shivam Mittal

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## EDUCATION

### Vivekananda Institute Of Professional Studies (VIPS-TC)

Bachelor of Technology in Computer Science & Engineering (current CGPA of 8.667)

Nov 2022 - July 2026

Delhi, India

## PROJECTS

### NetflixGPT

React · Firebase · Tailwind CSS · Redux · OpenAI API · TMDB API

Live: [netflixgpt-9c971.web.app](http://netflixgpt-9c971.web.app) · Browse • GitHub: [github.com/shivamMittal088/netflix-gpt](https://github.com/shivamMittal088/netflix-gpt)

- Developed a movie recommendation app with user authentication (Sign In/Sign Up) using **Firebase**.
- Integrated the **TMDB API** to fetch real-time movie data and built a **shimmer UI** for smooth loading states.
- Incorporated the **OpenAI API (ChatGPT)** to generate AI-powered movie suggestions with multi-language support.
- Improved performance using **memoization**, custom hooks, and structured state management with **Redux Toolkit**.

### DEVTINDER

Oct 2025 – Nov 2025

MERN Stack · REST APIs · Authentication · AWS Deployment

Live Demo   Frontend GitHub   Backend GitHub

- Developed a scalable **Tinder-style developer matching platform** using the MERN stack with a responsive and interactive UI.
- Built complete backend modules, including **Feed**, **Login**, **Signup**, **Connection Requests**, **Profile**, **Requests**, and **Mutual Connections**.
- Implemented secure **JWT-based authentication** with **HTTP-only cookies** to protect user sessions and prevent token theft.
- Added a **Mutual Connection algorithm** and **dynamic progress bar** to improve user engagement and profile insights.
- Enhanced security through **input sanitization**, **bcrypt password hashing**, and **token validation middleware**.
- Deployed the full-stack application on **AWS EC2** using **NGINX reverse proxy**, **PM2**, and environment-based production configuration.
- Followed modular architecture principles to ensure scalability, maintainability, and clean separation of concerns.

## EXPERIENCE

### Web Development Intern

June 2024 – Sep 2024

AccioJob

College-sponsored internship

- Built a responsive **Food Restaurant Web App** using **React**, **Redux**, **React Router**, and **Tailwind CSS**.
- Implemented features such as search, filtering, sorting, cart functionality, and dynamic routing.
- Gained hands-on experience in modern frontend development and component-based architecture.

### DSA Intern

June 2025 – Sep 2025

Coding Blocks

College-sponsored Internship

- Solved **100+** LeetCode problems focusing on Arrays, linkedlist, Recursion, Bit Manipulation and Dynamic Programming.
- Improved problem-solving in **C++** through regular contests, mock interviews, and hands-on coding sessions.

## ACHIEVEMENTS

- Solved 225+ DSA problems on Leetcode demonstrating strong problem-solving abilities.

- Member, CODEX – Coding Club, VIPS

- First Freelance Website — React Frontend**

[advocatenaveengarg.com](http://advocatenaveengarg.com)

- Built and deployed a responsive React-based frontend on Vercel with a custom domain for a client.

- Earned **Namaste React** (View) and **Namaste Node.js** (View) certificates from **Namaste Dev (Akshay Saini)**, demonstrating solid understanding of modern frontend and backend development.

Currently learning modern technologies like Typscript.

## **DEPLOYMENT SKILLS**

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AWS EC2 deployment, NGINX reverse-proxy setup, and production management using PM2.

## **TECHNICAL SKILLS**

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- **Programming Languages:** Problem Solving, C++, Python , Java
- **Web Development:** HTML/CSS, JavaScript, ReactJS, Tailwind CSS, ExpressJS, Node.JS
- **Databases:** MySQL ,MongoDB
- **Version Control:** Git, GitHub ,Postman
- **Coursework:** Object-Oriented Programming (OOPS), Database Management Systems (DBMS), Operating Systems (OS), Computer Networks (CN)
- **3D Design Tools::** Adobe Dimension – used for creating 3D product mockups and visualizations