Jaydev Mod

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Education

Vellore Institute of Technology (Bhopal) — *B.Tech in Computer Science*
Expected Graduation: June 2026 — CGPA: **8.77**/10

Technical Skills

Languages: C++, SQL, JavaScript
Technologies/Frameworks/Libraries: HTML, CSS, Bootstrap, TailwindCSS, React JS, Node JS, Express JS, MongoDB
Tools: Git, GitHub, VS Code, Postman, Docker
Coursework: Data Structure & Algorithms, OOPs, DBMS, Computer Networking, OS, System Design

Projects

Movie Ticket Booking System — *Jan 2025 – Apr 2025*
Technologies: React.js, Node.js, Express.js, MongoDB, RESTful API

- Developed a full-stack movie booking platform using React.js (frontend) and Node.js/Express (backend), implementing RESTful APIs to enable data exchange and real-time updates.
- Engineered a scalable MongoDB database using 5+ data models and optimized CRUD operations.
- Created an admin dashboard with theater management features (movie scheduling, seat allocation, and booking analytics), reducing manual overhead by an estimated 30%.

Healthy Leaf — *Feb 2024 – May 2024*
Technologies: HTML5, CSS3, Bootstrap, JavaScript, CNN Integration

- Built the frontend for a plant disease detection system using HTML, CSS, Bootstrap creating an intuitive interface for uploading leaf images and viewing diagnosis results.
- Implemented responsive layouts for all 4 core pages (Upload, Results, History) with CSS Grid and Flexbox, improving user comprehension with color-coded indicators.
- Collaborated with backend team to integrate the CNN model (using Chan-Vese segmentation for image analysis) achieving 80% accuracy.

Mood Sync — *Aug 2023 – Oct 2023*
Technologies: HTML5, CSS3, Bootstrap, RESTful API Integration

- Developed an emotion-aware web platform designed to increase user engagement by recommending music, books, and films based on user-selected moods (e.g., happy, sad, upbeat).
- Built the frontend using HTML5, CSS3, and Bootstrap to create a responsive and visually appealing user interface.
- Integrated 3+ third-party APIs (Spotify, Goodreads, IMDb) to fetch and display personalized, real-time recommendations, processing over 500 API calls daily.

Experience

Narola Infotech — *Frontend Development Intern*
Dec 2024 – Jan 2025

- Applied core React concepts, including state management with Hooks and reusable component architecture, to build mini interactive applications.
- Designed and implemented a Netflix-inspired streaming platform with React.js, featuring responsive layouts using CSS Grid/Flexbox and API integration.

Certifications

- **DevOps** - *IBM* — (Issued Jun 2025)
- **Fullstack Web Development (MERN) with MongoDB** - *SmartBridge* — (Issued Apr 2025)

Achievements

- Solved 250+ problems on LeetCode ([Profile]()), demonstrating proficiency in data structures and algorithms.
- Cleared Round 1 (Coding Round) in HackOn With Amazon - Season 5.

Leadership & Activities

Gujarati Cultural Club — *Event Coordinator*
Oct 2022 – Aug 2023

- Organized 3+ large-scale cultural programs with 200+ attendees each, managing budgets and logistics.
- Fostered cross-cultural connections through innovative programming and campus outreach.

c0c0n Cybersecurity Conference & Hackathon — *Participant*
Oct 2023

- Selected to participate in India's premier cybersecurity conference, engaging with 200+ professionals.
- Acquired hands-on knowledge of cutting-edge security frameworks and threat mitigation techniques.