PRACHI SACHAN

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Professional Summary

Computer Science undergraduate with strong analytical acumen and hands-on experience in MERN stack Development and AI projects. Passionate about designing efficient, scalable applications and applying problem-solving skills to real-world challenges.

Education

B.Tech in Computer Science and Engineering   Dec 2022–present
Pranveer Singh Institute of Technology, Kanpur, **CGPA: 8.67**

Senior Secondary (Class 12)   Apr 2021–Mar 2022
Shiv Jyoti International School, Rajasthan, **77.0%**

High School (Class 10)   Apr 2019–Mar 2020
Durga Prasad Vidyaniketan School, Kanpur, **81.9%**

Projects

FoodDash – Smart Food Delivery Platform   Oct 2025 – Ongoing
🔗 Project Repository

- Developed a full-stack food delivery web application with AI-assisted features for order management and personalization.
- Integrated Google Generative AI to generate food descriptions and smart recommendations, improving user engagement.
- Built scalable REST APIs using **Node.js and Express** to manage users, orders, and menu data efficiently.
- Designed a responsive UI using **React.js and CSS** and collaborated within a team to review and present project progress.
- **Tech Stack:** React.js, CSS, Node.js, Express.js, MongoDB, Google Generative AI.

DocAnalyse – AI-Powered Social Media Content Analyzer   June 2025 - Sep 2025
🔗 Live Project

- Developed a full-stack Social Media Content Analyzer enabling users to upload PDFs and images and extract meaningful text for analysis.
- Implemented text extraction using **pdf-parse** for PDFs and **tesseract.js** for OCR on images, ensuring high accuracy across formats.
- Integrated **Google Gemini API** to analyze extracted content and generate context-aware, actionable recommendations for improving social media engagement.
- Designed backend logic in Node.js and Express to handle file uploads, AI processing, and secure API communication.
- Built a responsive and intuitive user interface using React and CSS, including drag-and-drop upload functionality for enhanced user experience.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Google Gemini API, pdf-parse, tesseract.js, REST APIs.

Chrome Extension – Real-Time Cricket Score Tracker   Jun 2024 - Oct 2024
🐙 Project Repository

- Developed a Chrome extension to display real-time cricket match scores directly within the browser. Enabled users to access live updates without switching tabs or visiting external websites.
- Implemented core functionality using **JavaScript**, HTML, and CSS to fetch and render dynamic match data. Integrated API calls and DOM manipulation for smooth and timely score updates.
- Designed a clean and responsive popup interface focused on usability and quick access to information
- Structured the project using `manifest.json` and modular scripts for maintainability. Managed browser permissions efficiently to deliver a lightweight and reliable extension.
- **Tech Stack:** JavaScript, HTML5, CSS3, Chrome Extensions API, REST APIs, JSON.

Skills

Languages:	C++, JavaScript, Java, Python.
Frameworks & Libraries:	HTML, CSS, Bootstrap, React.js, Node.js, Express.js.
Databases:	MongoDB, MySQL.
Tools & Platforms:	Git, GitHub, Postman, Linux.
Soft Skills:	Problem Solving, Collaboration, Resilient.
Core Subjects:	Computer Networks, Software Engineering.

Certifications And Achievements

- **Artificial Intelligence Fundamentals — Certification IBM** - 🔗 Credential   2026
- **MERN Stack Development Certification — Udemy** - 🔗 Credential   2025
- **Supervised Machine Learning: Regression and Classification — Coursera** - 🔗 Credential   2025
- **Published 3 Articles — GeeksforGeeks (Article Writing Fest)** - 🔗 Credential   2025

- **Software Engineer Intern Certification — HackerRank** - 🔗 Credential   2024
- **C++ Programming Certification — Coding Ninjas** - 🔗 Credential   2023
- **Solved 400+ DSA Problems on Leetcode and GeeksForGeeks Platform** - 🔗 Credential