

PRASHANT RAI

Mohali, Punjab

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Summary

Passionate about entering tech industry with focus on web development and coding. With history of engaging roles in team projects, I can apply my coding skills in C++, JavaScript, and web development while further enhancing my practical experience in dynamic environment .

COURSEWORK

- Data Structure and Algorithms (DSA)
- Database Management System (DBMS)
- Object Oriented Programming
- Computer Networks
- Operating system

PROJECTS

Code Reviewer 🔗 | [React.js](#), [Express.js](#), [Node.js](#)

October 2024 - November 2024

- Developed an AI-powered code reviewer using Node.js and Google Generative AI's Gemini model to analyze, review, and improve code quality.
- Designed the system to detect potential bugs, and logical flaws while promoting maintainable and readable code.

The Atomic-Blog Website 🔗 | [HTML](#), [CSS](#), [JavaScript](#), [React.js](#)

August 2023 - September 2023

- Built custom components for post creation, search, and archiving.
- Added a fake dark mode toggle and dynamic post content generation using Faker.js.
- Learned: React Hooks, component-based architecture.

Bookstore Application 🔗 | [Tailwind css](#), [React.js](#), [Express.js](#), [Node.js](#), [MongoDB](#) July 2022 - August 2022

- Developed a mern stack bookstore using React.js, Node.js, Express, and MongoDB, featuring user authentication, protected routes, and responsive UI with Tailwind CSS.
- Enabled users to securely register, log in, browse books, and manage their accounts, with real-time updates , add to cart and seamless navigation across the platform.

SKILLS

Languages: C++, Javascript, SQL

Technologies/Frameworks: DSA, HTML, CSS, ReactJS, Node.js, Express.js, Git

API Development Integration: RESTful APIs, JSON

Developer Tools: VS Code, PyCharm,

Database: MySQL, MongoDB

Interpersonal Skills: Team Player, Leadership, Decision-Making, Management Coordination

CERTIFICATIONS

- Certificate in C++ — Coding Ninjas
- Probability and Statistics, Discrete Mathematics — NPTEL
- Internet of Things — NPTEL
- Data Analytics and Visualization — Accenture (Forage)

EDUCATION

Chandigarh University, Mohali

June 2021 – June 2025

B.Tech - Computer Science and Engineering

Mohali, Punjab

CGPA: 7.86

Surmount International School, Gorakhpur, Uttar Pradesh

April 2019 – April 2020

CBSE - 12th — Percentage: 85.4%

Gorakhpur, Uttar Pradesh

Surmount International School, Gorakhpur, Uttar Pradesh

2017 – 2018

CBSE - 10th — Percentage: 86%

Gorakhpur, Uttar Pradesh

Research Work

- **AdStreamAI:** AI-Driven Personalized Advertisement System for Streaming Platforms
– Accepted for publication (ICDDA25AB02162), 2025