

# PRASHANT RAI

Mohali, Punjab

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## Summary

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Aspiring Software Developer with a strong foundation in programming and web development. Proficient in C++, JavaScript, ReactJS, and Express.js, with practical experience in building responsive and dynamic web applications. Enthusiastic about contributing to innovative projects in collaborative environments while continuously expanding technical expertise.

## COURSEWORK

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

## PROJECTS

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### 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.

### Pizza Delivery Website [🔗](#) | [Html](#), [CSS](#), [Javascript](#), [React.js](#)

July 2022 - August 2022

- Developed a pizza ordering platform with features like signup/login, add to cart, order placement, and payment gateway integration.
- Users can securely register, log in, browse pizzas, and complete their orders with real-time cart updates.

## SKILLS

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**Languages:** C++, JavaScript, SQL,

**Technologies/Frameworks:** DSA, HTML5, CSS3, ReactJS, Node.js, Express.js

**API Development Integration:** RESTful APIs, JSON

**Developer Tools:** VS Code, PyCharm,

**Database:** MySQL, MongoDB

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

## CERTIFICATIONS

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

## EDUCATION

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### Chandigarh University, Mohali

*B.Tech - Computer Science and Engineering*

*CGPA: 7.8 (till 7th semester)*

June 2021 – June 2025

*Mohali, Punjab*

### Surmount International School, Gorakhpur, Uttar Pradesh

*CBSE - 12th*

April 2019 – April 2020

*Gorakhpur, Uttar Pradesh*

### Surmount International School, Gorakhpur, Uttar Pradesh

*CBSE - 10th*

2017 – 2018

*Gorakhpur, Uttar Pradesh*