

# AYUSH KUMAR SINGH

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## CAREER OBJECTIVE

A passionate and results-driven Computer Science graduate seeking a challenging role in software development. Eager to contribute technical skills, problem-solving abilities, and a strong foundation in MERN stack development, data structures, and computer science fundamentals to a dynamic and innovative team.

## EDUCATION

College of Engineering Roorkee

B.Tech CSE - **Percentage - 70%**

2020 – 2024

Roorkee, India

Campus School, Pantnagar

Intermediate - **Percentage - 73.4%**

2019 – 2020

Pantnagar, India

Campus School, Pantnagar

High School - **Percentage - 77.4%**

2017 – 2018

Pantnagar, India

## EXPERIENCE

Remotasks (Remote)

07/2023 – 12/2024

Remote Contributor

- Completed project-based tasks like user authentication (JWT), API creation, login systems, CRUD functionality, and protected routes.
- Designed responsive frontend components using React.js, HTML, CSS, and JavaScript.
- Gained hands-on experience in debugging, code structuring, and performance optimization.

## TECHNICAL SKILLS

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

**Web Development (MERN):** React.js, Node.js, Express.js, MongoDB, RESTful APIs

**Frontend:** HTML, CSS, JavaScript(ES6+), Responsive Design, DOM Manipulation

**Backend:** Node.js with Express, JWT Authentication, CRUD APIs, Middleware Handling

**Database:** MongoDB (NoSQL), MySQL (SQL)

**Tools and Platforms:** VS Code, Postman, Git/Github, Netlify, Vercel

**Computer Science Fundamentals:** DSA (C++), OOPs, DBMS, Operating Systems, Computer Networks

## PROJECTS

CodeBuddy | React.js, Node.js, Express.js, Google Gemini AI, PrismJS

- Developed an **AI-powered code review tool** using Google Gemini API with real-time analysis of user-submitted code snippets.
- Created a responsive **React.js frontend** with PrismJS, improving code readability and developer experience.
- Optimized API integration and prompt engineering, enabling **accurate and context-aware feedback**.

QuickChat | MongoDB, Express.js, React.js, Node.js, Socket.io

- Built a real-time **chat application** with instant messaging, authentication, and image sharing.
- Integrated **Socket.io** for efficient real-time communication and event handling.
- Designed a **responsive UI**, improving user engagement and accessibility across devices.

## CERTIFICATIONS

- ReactJS & Redux - Udemy
- Software Engineering Job Simulation - Forage
- MongoDB Basics
- HTML & CSS - Great Learning
- SQL - Simplilearn
- NodeJS with Express & MongoDB - Udemy