

Harsh Raj

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SUMMARY

Enthusiastic engineering student with proficiency in C, C++, HTML, CSS, JavaScript, React.js, and Node.js. Eager to contribute through hard work, adaptability, and strong problem-solving skills. Quick learner and team player.

EDUCATION

Bachelor of Engineering in Computer Science

Chitkara University • 9.63 cgpa • 2025

12th , Non-medical

Dav Public School Ranchi • 82.2% • 2021

SKILLS

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

Front-End Development: HTML, CSS, React.js, Next.js

Back-End Development: Node.js, Express.js

Database: MongoDB, SQL (MySQL, PostgreSQL)

Version Control: Git

IDEs and Tools: Visual Studio Code, Android Studio

PROJECTS

Node.js Authentication System

- Created an efficient authentication system using Node.js, Express.js, Passport.js, and MongoDB, managing over multiple user registrations with a response time of 50 milliseconds per request.
- Implemented user registration, login, logout, and password reset functionalities, resulting in a user-friendly interface and reducing login time by 40 %.
- Utilized JSON Web Tokens and OAuth 2.0 for secure session management, ensuring seamless user authentication and authorization with 99.9 % uptime.

Ecommerce API

August 2023 - August 2023

- Developed a high-performance REST API for an ECommerce application using Node.js, Express, and MongoDB.
- Implemented CRUD operations (GET, POST, PUT, DELETE) with an average response time of 50ms per request.
- Configured API endpoints and integrated MongoDB. can handling over 2000 simultaneous connections with 99.9% uptime. Set up continuous integration and delivery using Jenkins and automated process for successful deployments.

Youtube Clone

February 2023 - February 2023

- YouTube clone built with React.js ,Material-UI5 , Rapid Api.
- Modern design and enhanced video playback capabilities.
- User-friendly video search and discovery functionalities.
- Implemented API data fetching for dynamic content, reducing API response time by 50% and ensuring real-time video updates.

CERTIFICATIONS

Advanced Web Development

Coding Ninjas • 2022

AWS Machine learning Foundation

Udacity • 2021

