



# AYUSH SINGH

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## Education

### Indian Institute of Information Technology, Ranchi

*B.Tech , Electronics and Communication Engineering*

CGPA: 8.68

Sep. 2021 – May 2025

### Chinmaya Vidyalaya, Bokaro Steel City

*Intermediate*

Percentage: 90

Sep. 2018 – May 2020

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

## Projects

### Food-Del Website | *React, Node, Express, MongoDB*

<https://github.com/ayushsingh186312/Food-Del>

- Integrated critical functionalities including food order, payment, and tracking; enabled admin listings and status updates and enhanced cart system with increment, decrement, and remove features, boosting user engagement by **45%**.
- Created a fully featured and fully responsive **MERN** based Food-Del website with user authentication using bcrypt and JWT technologies as well as real time payment integration with stripe.
- Implemented Real time Payment mechanism with stripe to overhaul the front-end as well as back-end of the platform, resulting in **25%** decrease in bounce rate and **30%** increase in client conversion.

### Chess Game | *Node, Socket-io*

<https://github.com/ayushsingh186312/chess>

- Spearheaded the integration of Bootstrap framework with range of technologies to enhance the Game's responsiveness, leading to a **20%** rise in mobile conversions and a **15%** boost in overall revenue.
- Built and developed a personal Chess Board showcasing dedicated sections for both player and infinite pairing as well as odd Viewing of Chess-Masters
- Implemented **Drag and Drop** feature for seamless playing by Chess-Masters, dedicated section of warning as well as Restriction for invalid move in the Game.

### Portfolio | *TypeScript, Next, Framer-Motion*

<https://myportfolio-ecru-eight.vercel.app/>

- Built a personal portfolio highlighting personal and professional journey and accomplishments, provided dedicated section for About, Skills, Projects and Experiences.
- Optimized Customer Relationship Management (**CRM**) software i.e. theme-switch or real-time E-mails, resulting in a **30%** improvement in data end-to-end connection.
- Enhanced customer satisfaction by implementing a customer feedback loop and addressing issues or queries promptly.

## Technical Skills

**Languages:** C/C++ ,JAVA, Basics of Python, HTML/CSS, JavaScript, SQL

**Developer Tools:** TypeScript, Bootstrap, React, Node, Express, Redux, REST APIs, Socket-io, Git and Github

**Cloud/Databases:** MySQL, MongoDB

**Soft Skills:** Problem Solving , Leadership, Ethics

**Areas of Interest:** Listening Music , Playing and Watching Cricket

## Positions of Responsibility

### Robotics and IoT Club

Spring 2022 – Spring 2023

*Co-ordinator*

*IIT Ranchi*

- Achieved a top rank by the Office of **HOG** and Council Affairs for the best performance in Air Quality Monitoring Project by the club.
- Led the club of **50+** members to work towards goals that improve and promote robotics and IoT in community service, academics, and unity.

## Achievements

- Solved **1000+** questions to be best at Competitive Programing and DSA, on various coding platforms with **1570** maximum-rating, also Top(**25%**) coder on **LeetCode**.
- Managed **HacktoSkill-2023** national level hackthon at Ranchi with successful pull requests by 5 members group and received the Badge.