



# Krish Agrawal

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## Education

**Birla Institute of Technology, Mesra**

B.Tech in Computer Science Engineering

Dec 2021 – May 2025

CGPA: 8.01 (till 6th sem)

## Professional Experience

**SDE Intern**

**Maskottchen**

May 2024 - Present

Mohali, India.

- **Led** a team of 5 Software Developer Interns, During my internship at Maskottchen, I contributed to 2-live projects (Members\_monitor and **Litt-lab**) and one project (**Gamble**), focusing on developing and streamlining their workflows, These projects are now in the final stages and will soon be **deployed** for operational use, I and my team **increased project completion rates by 20%** within three months.
- **Resolved performance** bottlenecks in the frontend codebases, resulting in a **15% reduction in page load times** and a subsequent **40% increase in organic traffic** due to improved website ranking on search engines.

**Tech Stack:** React.js · HTML5 · Cascading Style Sheets (CSS) · TypeScript · JavaScript · NodeJS · ExpressJS · MongoDB · Stripe API

**Front End Developer Intern**

**Celebal Technologies**

May 2023 - July 2023

Jaipur, India.

During my internship as a Front End Developer, I worked extensively with ReactJS, HTML, CSS, and JavaScript. I contributed to the development of user-friendly interfaces, optimized web pages for maximum speed and scalability, and collaborated with the design team to implement responsive and visually appealing web components. My role involved debugging and improving existing code, ensuring seamless integration with backend services, and staying updated with the latest industry trends and best practices.

**Tech Stack:** React.js · HTML5 · Cascading Style Sheets (CSS) · JavaScript

## Projects

**Members\_monitor: Gym Management System** 

- Spearheaded the development of a sophisticated, user-friendly gym management portal, transforming operational efficiency and enhancing member satisfaction and engagement.
- Tailored for gym owners, trainers, and fitness enthusiasts, Members Monitor provides comprehensive management solutions.
- Leveraged technologies including React.js, Node.js, Express, MongoDB, and Stripe API to deliver robust functionality and seamless integration.

**AeroSync: Flight Reservation Web-App** 

- Developed a sophisticated and user-friendly flight booking portal that revolutionizes the booking process. Enhanced operational efficiency and significantly improved customer satisfaction and engagement.
- Designed to meet the needs of airlines, travel agents, and travelers, providing comprehensive flight booking solutions.
- Integrated a payment gateway for seamless flight bookings.
- Utilized technologies such as JavaScript, HTML, CSS, PHP, MySQL, and REST API.

## Technical Skills

**Programming:** C++, Data Structures & Algorithms, C, Python, MySQL

**Developer Tools/IDEs:** VS-Code, Power BI, MS Excel, Android Studio, PostMan, Git & Github.

**Hands-on Technologies:** JavaScript, HTML5, CSS3, ReactJS, NextJS, NodeJS, MongoDB, ExpressJS, TypeScript, Rest API.

**Soft Skills:** Communication, Analytical & Problem Solving Skills, Digital Marketing, Leadership Skills, Event Management & Teamwork.

## Relevant Coursework

• Object-Oriented Programming   • Numpy   • Pandas   • Operating System   • DBMS   • Computer Networks   • Software Engineering  
• MySQL   • Cryptography   • Compiler Design   • Computer Organization & Architecture   • Artificial Intelligence   • Machine Learning.

## Awards/Achievements

**Consistent Programmer** at **Leetcode, CodeChef, Codeforces**

- Solved over total of 750+ Questions awarded with 5+ Leetcode badges and rated over **1600+** at Leetcode.
- Global Rank 1400 out of **35k+** competitors in Weekly Contest 380.

**Stood 1st at RTST-ISRO Conference at MNIT, Jaipur**

March 2024

My team and I presented our model, '**MOON ROVER: Obstacle Avoidance Smart Car**', which was **awarded 1st place** out of over 40+ models at the ISRO RTST Conference 2024 held at **MNIT, Jaipur**.

**Ranked at Smart India Internal Hackathon 2023 by SIH'2023**

Sep 2023

Stood 7th out of 35+ teams at the internal-level hackathon for SIH'2023, made a portal and real-time chatbot (**Legal-Baba**) for legal awareness and disputes, provided with multilingual, awareness notices and regulations integrated for all.

## Volunteer Experience

**Head-Coordinator, Technical Committee**

May 2022 - Present

- Overall Coordinator, organized and managed the annual technical fest of BIT MESRA, **ANTARRAJ'24**