



# RAHUL RUDRA

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## EDUCATION

Dayananda Sagar College Of Engineering

B.E in Information Science

SGPA: 8.6

2021 - 2025

## TECHNICAL SKILLS

**Languages:** C, C++, Python, HTML, CSS, Javascript  
**Tools:** Git, MongoDB, Tailwind, Bootstrap, Wordpress  
**Amazon Web Services:** Cognito, Amplify, DynamoDB  
**Libraries/Frameworks:** React, JQuery, Express  
**Expertise Area:** MERN-Stack Development, REST-API

## WORK HISTORY

Audio AI, LLC

June 2023 - Present

Web-Developer (Part-time, Contractual)

- Utilized React along with **React Flow** and **React Context** to create a dynamic and interactive user interface that enhances user engagement and experience.
- Designed and implemented a robust **RESTful API** architecture, facilitating seamless data communication between the front-end and back-end systems.
- Utilized various **AWS services** such as **Amazon DynamoDB** for flexible data storage, **Amazon Cognito** for secure user authentication, and **AWS Lambda** for serverless data fetching, optimizing data retrieval and ensuring efficient data flow.
- Led UI/UX design, ensuring cross-device performance. Spearheaded growth through collaborative development and continuous learning.

Innovation

Oct 2022 - Dec 2022

Web Developer - Intern

- Developed web pages and managed backend operations, including product categorization and inventory management for various WooCommerce websites, ensuring seamless user experience and visually appealing designs.
- I demonstrated proficiency in web development, project management, and product categorization. My proactive approach and collaboration with the team contributed to successful project outcomes.

## PROJECTS

FarmSense.ai : <https://farmsense-ai.vercel.app/>

- Developed an all-in-one diagnostic platform utilizing machine learning models to predict poultry diseases, plant diseases, invasive plants, and egg incubation. Led the front-end development using React, Tailwind, and Material UI, while contributing to back-end tasks involving MongoDB, user authentication, and Express.js.
- Technologies Used:** React, Tailwind, Material UI (Front-End), MongoDB (Database), Express.js (Backend), User Authentication, Authorization, Machine Learning Models, CORS, Axios

## ACHIEVEMENTS

HackFest'ISM 2019 ,IIT ISM Dhanbad

Dec 2019

- Secured **6th position** among 70 IITS and NITS by building an spy space bot which was a VR controlled car built using **arduino UNO**.

Plasma Stuio

Jun 2020

- I co-founded Plasma Studios during my college days, providing extensive IT consultancy, websites, and applications for businesses aiming to establish a robust online footprint. Remarkably, we directed a portion of our earnings toward meaningful initiatives, conducting impactful food distribution campaigns that benefited underserved communities.

Point Blank - Member

Dec 2022 - Present

- PointBlank is a group of over 80 programmers who work to promote coding culture in colleges by participating in 10+ contests and organising technical seminars.

CodeForces

- Maximum Rating –**Newbie**-1198: Among **top 30%** users, **top 13%** in India

Codechef

- Maximum Rating – **3\***-1628: Among **top 7.8%** users globally