

Rehant Roy

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EDUCATION

Indian Institute of Information Technology, Design and Manufacturing

B.Tech in Artificial Intelligence and Data Science

Kurnool, Andhra Pradesh

Aug 2023 – Present

Zila School

Higher Secondary, Science

Gaya, Bihar

Mar 2023

EXPERIENCE

Full Stack Web Development Intern

Signimus

Jun 2025 – Jul 2025

Remote

- Built and deployed scalable full-stack web apps serving **200+ daily active users** using Node.js, Express.js, and MongoDB.
- Integrated RESTful APIs and JWT authentication, enhancing application security and data handling efficiency.
- Optimized server queries and front-end rendering to reduce page load time by **25%**, improving user experience.
- Collaborated in an Agile team of 5 developers using Git, improving sprint delivery rate by **15%**.

PROJECTS

Movie Recommendation System

Flask, Pandas, NumPy, Scikit-learn, SVD, Cosine Similarity

[GitHub Link](#)

- Developed a data-driven recommendation engine processing **9,000+ movies** using the MovieLens dataset.
- Implemented collaborative filtering and SVD, achieving **92% similarity accuracy** for personalized results.
- Deployed an interactive Flask web app with dynamic UI for real-time user recommendations.

Portfolio Website

HTML5, CSS3, JavaScript, GitHub Pages

- Designed and hosted a responsive personal portfolio using SEO best practices, gaining **500+ organic visitors** in the first month.
- Implemented dynamic animations and lazy loading for faster performance across devices.

LEADERSHIP & RESPONSIBILITIES

Coordinator, Film and Media Club

- Led a cross-functional team of 10 members to deliver **12+ high-engagement events**, boosting participation by **35%**.
- Directed event media coverage reaching over **1,000 students** across the campus.

Active Member, Google Developer Group (GDG) and E-Cell

- Facilitated **5+ technical workshops** mentoring **50+ students** in full stack development and entrepreneurship.
- Supported hackathon logistics, idea validation, and tech mentoring to enhance innovation and project delivery.

Mentorship and Guidance

- Provided JoSAA/CSAB counseling support to **500+ students**, achieving a **90%+ satisfaction rate** through structured mentorship.

CERTIFICATIONS

Full Stack Web Development (Apna College)

Drone Technology and UAV Systems (Drone Boot Camp)

Linux & Python 3.4.3 (IIT Bombay - Spoken Tutorial)

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript

Web Development: HTML5, CSS3, React.js, Node.js, Express.js, Bootstrap, REST API, JWT

Databases: MongoDB, MySQL, SQL

Tools & Libraries: Git, GitHub, VS Code, Figma, Pandas, NumPy, Scikit-learn

Data & Analytics: Power BI, MS Excel, Data Visualization, Model Deployment