

# RANIT NASKAR

Software Developer | Fullstack Developer

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📍 Kolkata, West Bengal, India

🔗 [Portfolio](#)

🌐 [Ranit Naskar](#)

🔗 [R4NiTeXe](#)

## 👤 Professional Summary

Diploma in Computer Science & Engineering student with hands-on experience building full-stack web applications and practical software projects. Skilled in developing responsive interfaces, RESTful APIs, database-driven applications, and scalable web solutions using modern development technologies. Experienced in both individual and collaborative projects, with a strong focus on problem-solving, continuous learning, and AI-assisted development. Currently expanding expertise in full-stack engineering and emerging AI technologies, with the goal of building production-ready software solutions.

## 🧰 Experience

20/04/2026 –  
07/08/2026

### Team Project Intern

*Agnirath Aerospace and Defence Research Pvt. Ltd.*

- Contributed as a team member to MAGANAL (Mars Autonomous Ground Analyser with Navigation and Life-Assessment Logic), a Mars rover research and development project.
- Worked collaboratively on a multidisciplinary prototype involving autonomous navigation, obstacle detection, environmental sensing, terrain/image monitoring, and life-assessment concepts.
- Gained practical experience working in a team-based engineering environment and translating project requirements into a functional prototype.

## 🧠 Technical Skills

### Languages

C, C++

### Frontend

HTML, CSS, JavaScript, React.js, Tailwind CSS

### Backend

Node.js, Express.js, REST APIs

### Database

MongoDB, MySQL

### Tools & Platforms

Git, GitHub, Linux, VS Code, Postman, Docker, Vercel, Render

### Other

DSA, DBMS, OOP, GSAP, Three.js

### AI-Assisted Development

ChatGPT, Gemini, Claude, OpenCode, Kimi Code, MiMo (Xiaomi), Nimotron (NVIDIA), DeepSeek

## Projects

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### Video\_Tube

*Individual Full-Stack Project*

- GitHub: <https://github.com/R4NiTeXe/Video-Tube> 
- Built a full-stack video platform with user authentication, video uploads, viewing, likes, comments, subscriptions, notifications, and creator-focused functionality.
- Implemented backend APIs, media handling, user interactions, and production deployment as an individual project.

### Dukaan\_Sathi

*Hackathon Team Project*

- GitHub: [https://github.com/R4NiTeXe/Dukaan\\_Sathi](https://github.com/R4NiTeXe/Dukaan_Sathi) 
- Developed as a team for a Digontom Pvt. Ltd. hackathon, focusing on an AI-assisted solution for practical retail/business workflows.
- Selected among the Top 6 finalist teams for final representation.

### AnatomiaX

*3D AI-Powered Anatomy Learning Platform | In Development*

Upcoming project designed as an interactive 3D anatomy learning platform that combines immersive human-anatomy exploration with educational information and AI-assisted learning.



## Achievement

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### Top 6 Finalist Team

*Digontom Pvt. Ltd. Hackathon*

Selected among the Top 6 finalist teams for final representation.



## Education

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2027

**Diploma in Computer Science & Engineering**

*Brainware University*

CGPA: 7.01 through 4th semester



## EARLIER EDUCATION

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2024

**Higher Secondary (Class XII)**

66%

WBCHSE - ARTS

2022

**Secondary (Class X)**

46.71%

WBBSE



## Languages

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- English, Bengali, Hindi