

# RUPAM SARKAR

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## SUMMARY

Passionate about leveraging technology to solve real-world problems. With a strong foundation in MERN stack development, I aim to build innovative solutions while continuously growing as a developer and problem-solver.

## TECHNICAL PROJECTS

### Pitchwave (InnovCon'25) 🏆

Feb 2025

- Created a startup-investor pitching platform to connect entrepreneurs with potential investors.
- Enabled startups to submit detailed project pitches, including documents and images using Multer.
- Developed a built-in AI assistant (Ask ChatAI) for answering user queries efficiently.
- Tech Stack:** ReactJS, Node.js, Express.js, MongoDB, Vite, Nodemailer, Multer, JWT, Bcrypt

### Sandesh - Chat Website 🏆

Jan 2025

- Built a real-time chat website using the MERN stack with Socket.io for live messaging.
- Supported both one-to-one (private) and group chats, enhancing real-time interaction.
- Designed an intuitive UI and integrated an efficient backend to provide a smooth user experience.
- Tech Stack:** ReactJS, Node.js, Express.js, MongoDB, Vite, Socket.io, Cloudinary, JWT, Bcrypt

### WeCare (Arjuna'24 NIT-A) 🏆

Oct 2024

- Developed WeCare, a MERN-based mental health tracker with MedAI for user queries.
- Implemented appointment booking with doctor selection based on user needs.
- Automated email reminders for confirmations and updates using Nodemailer.
- Tech Stack:** Vite, ReactJS, Node.js, Express.js, MongoDB, Nodemailer

## SKILLS

**Programming Languages:** JavaScript, Java(DSA)  
**Frontend:** ReactJS, Tailwind CSS, HTML, CSS  
**Backend:** Node.js, Express.js  
**Tools/Platforms:** VS Code, IntelliJ IDEA, Git, GitHub, Postman, Render, Vercel  
**Databases:** MongoDB, MySQL  
**Soft Skills:** Teamwork, Communication, Leadership, Time Management

## ACHIEVEMENTS

**Siemens Scholar (2023):** Selected as **one of 200** students across India for the prestigious Siemens Scholar Program, a holistic development program designed to equip students with industry-ready skills. 🏆

**Arjuna 1.0 Hackathon (2024):** Led the development of WeCare and secured a spot in the grand finale with a team of four, showcasing innovation in mental health tracking. 🏆

**InnovCon Hackathon (2025):** Architected Pitchwave with a team of three and was selected for the grand finale, showcasing innovation in startup-investor networking. 🏆

## EDUCATION

### Ramkrishna Mahato Govt. Engineering College, Purulia

Nov. 2022 – July 2026

Bachelor of Technology in Electronics & Communication Engineering

CGPA: 7.12

### Balurghat High School

May 2019 – June 2021

Higher Secondary (WBCHSE)

Percentage: 90%

### Balurghat High School

Feb 2019

Secondary (WBBSE)

Percentage: 90.71%