

RISHAV RAJ



☎ 8102332315 ✉ crishav938@gmail.com 💻 <https://www.linkedin.com/in/rishav-raj-723413263/>

Portfolio: <https://https-portfolio-web.vercel.app/> 🌐 <https://github.com/RishavRaj625>

PROFILE

Final-year CSBS student | Hackathon Winner & 3x Finalist | Enthusiastic in Full-Stack Development & AI/ML, passionate about building practical and innovative applications

EDUCATION

Techno Main Salt Lake

Bachelor of Technology in Computer Science and Business System

CGPA - 7.09

Sep 2022 – June 2026

PROJECTS

1. Mineral Analysis Dashboard – Winner, NIT Raipur Hackathon (2024) ([LINK](#))

- Developed an AI-powered dashboard using **CNN + Flask** to classify rock and mineral samples for geologists.
 - Trained deep learning models in TensorFlow** to achieve accurate mineral classification.
 - Implemented **real-time image upload & prediction pipeline**, improving classification speed.
 - Built an **interactive dashboard** for visualization and reporting.
 - Featured in *TechnoTimes* for innovation in geoscience applications. ([LINK](#))
- Tech Stack:** Python, TensorFlow, Flask, Pandas, NumPy, Matplotlib

2. Health@stic – Healthcare Management Platform – Finalist, Status Code 2 Hackathon (IIIT Kalyani, 2025) ([LINK](#))

- Developed a comprehensive healthcare management platform with AI-driven health tracking, prescription analysis, and appointment management.
 - Implemented OCR-based prescription reader, diet recommendations engine, and medicine finder with price comparison.
 - Integrated Gemini API, custom **OCR & RAG models** for medical query assistance and personalized guidance.
 - Built a modern, responsive UI using **React (Vite) + Tailwind CSS** with accessibility features like voice commands.
 - Designed scalable Node.js + Express backend, Flask ML services, and n8n workflow automation.
- Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, Flask, TensorFlow, Gemini API, n8n
- Explore Frontend:** <https://healthstic-dash.vercel.app/>

TECHNICAL SKILLS

- Languages:** C, C++, Python, JavaScript, Java(Basic)
- Web Development:** HTML, CSS, React.js, Node.js, Flask, Tailwind CSS
- Machine Learning:** TensorFlow, Keras
- Libraries & Tools:** Pandas, NumPy, Matplotlib, Jupyter, Streamlit
- Databases:** MySQL
- Other Skills:** Data Cleaning, Data Visualization, Git, GitHub

ACHIEVEMENTS & CERTIFICATIONS

Winner – National Hackathon, NIT Raipur (2024)
Finalist – National Hackathon, IIIT Sri City (2025)
Finalist – Status Code 2 Hackathon, IIIT Kalyani & IISER (2025)
Certifications achieved during B.Tech: [LINK](#) (includes **AICTE Virtual Internship**)

EXTRAS

- Core Member, Samarth Management Team (2024–Present) & Head, Farewell Event Team (HLV 2025)
- Resource & Management Head, IIC Official Club – Techno Main Salt Lake
- College dance team member; interests: Hip Hop, badminton, creative frontend animation