

RITIK SAH

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🌐 [Portfolio](#)

Education

North Eastern Regional Institute of Science and Technology (NERIST)

B.Tech in Computer Science and Engineering CGPA: 7.25

Aug. 2022 – May 2026

Arunachal Pradesh

Salt Brook Academy

Higher Secondary Percentage: 92.4%

May 2019 – Mar. 2021

Dibrugarh, Assam

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

Google Developer Group (GDG) on Campus, NERIST

2025 – Present

Organizer

Arunachal Pradesh

- Founded and led the Google Developer Group (GDG) on Campus at NERIST, building a vibrant student-led developer community with 100+ active members across multiple branches.
- Organized and managed 10+ technical workshops, hackathons, and coding bootcamps on Cloud Computing, AI/ML, Web Development, and Open Source, driving hands-on learning and practical skills.
- Collaborated with industry experts, faculty, and Google's developer ecosystem to deliver impactful events, increasing student engagement and career readiness.

Academor

Feb 2023 – Mar 2023

Data Science Intern

Remote

- Performed data preprocessing, feature engineering, and EDA to enhance dataset quality and model performance.
- Built and optimized machine learning models using Python (Pandas, NumPy, Scikit-learn) for predictive analysis.
- Evaluated models with metrics like accuracy, precision, recall, and F1-score to guide decision-making.

Projects

Chatbot for Sentiment Analysis | *Python, Google Dialogflow, Flask, Machine Learning*

May 2025

- Developed a chatbot capable of understanding user queries and generating context-aware responses.
- Integrated sentiment analysis using Python to adapt responses based on user emotion.
- Deployed chatbot via Flask for web interaction, connecting ML models with Dialogflow conversational AI.

Classroom Scheduler Website | *HTML, CSS, JavaScript*

April 2025

- Built a web application to manage classroom allocations efficiently and prevent scheduling conflicts.
- Created user roles for admins, teachers, and students to ensure proper access and organization.
- Implemented interactive frontend using HTML, CSS, and JavaScript for seamless scheduling management.

Weather App | *HTML, CSS, JavaScript, API Integration*

March 2025

- Developed a dynamic weather application that retrieves and displays real-time weather data based on user input.
- Integrated APIs to fetch accurate weather information for any location worldwide.
- Designed responsive UI using HTML, CSS, and JavaScript for an intuitive user experience.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio

Technologies/Frameworks: Linux, Jenkins, GitHub, JUnit, WordPress

Leadership / Extracurricular

ThinkIndia

Feb 2024 – Present

Public Relation Incharge

- Organizing and managing outreach programs to promote student engagement and social initiatives.

National Cadet Corps (NCC)

2022 – 2025