

Curriculum Vitae

Rahul Prasad

Barasat, Kolkata-700125

Contact no: +91 – 9641105898

Email: rahulprasad0804@gmail.com | [Github](#) | [LinkedIn](#)



Career Objective

Dynamic and goal-oriented B.Tech. Computer Science and Engineering (AI and ML) student, skilled in Python programming, web development, and artificial intelligence. Passionate about creating innovative, user-friendly projects that enhance learning and provide practical solutions to everyday needs.

Education

Name of the Institution	Degree	Board	Year of passing	Percentage of Marks
Brainware University, Barasat	B.Tech CSE (AIML)	BWU	2026	84.11% (Till 7 th semester)
Kendriya Vidyalaya, Panagarh	12th	CBSE	2022	77%
Kendriya Vidyalaya, Panagarh	10th	CBSE	2020	82%

Technical Skills

- Programming Languages – Python (Intermediate), HTML, CSS, JavaScript (Basic)
- Technologies – Artificial intelligence (Integrated AI-based features in projects), GitHub (Proficient)
- Databases – MySQL/SQL (Intermediate), DBMS concepts
- Tools – VS Code, Python IDLE, Jupyter Notebook and Google Colab

Projects

Air Writing & Hand Gesture Recognition System

Mar 2026

Python, OpenCV, TensorFlow and NumPy | [Github repository](#) | [Demo Video](#)

- Built a real-time computer vision system for air-writing recognition using hand tracking and deep learning models.

AI Detailed Defect Reports generator

Mar 2026

Python, TensorFlow and NumPy | [Github repository](#) | [Demo Video](#)

- Developed an AI-powered system to generate Detailed Defect Reports (DDR) from inspection PDFs using LLM-based text extraction and summarization.

Personal Portfolio website

Feb 2025

HTML, CSS and JavaScript | [Github repository](#) | [Live Demo](#)

- Designed and developed a responsive portfolio website showcasing my projects and skills.

Tic Tac Toe game website

Jan 2025

HTML, CSS and JavaScript | [Github repository](#) | [Live Demo](#)

- Designed and developed an engaging Tic Tac Toe game with AI-based opponent logic and a 3x3 responsive grid layout.

Real-time weather checking website

Sep 2024

HTML, CSS and JavaScript | [Github repository](#) | [Live Demo](#)

- Responsive weather application that provides real-time weather updates and forecasts for any city worldwide.

Internships

Python Programming Virtual Internship -CodSoft | [Github repository](#)

Jan 2025 - Feb 2025

Completed a 4-week internship, and developed the following projects:

Calculator | Python (Tkinter)

- Designed a visually appealing calculator that performs basic mathematical operations.

Password Generator | Python

- Built a secure password generator that creates highly customizable passwords.

Rock Paper Scissors Game | Python (Tkinter and Pillow) | [Github repository](#) | [Demo Video](#)

- Developed an interactive game with random decision-making logic for dynamic game play.

Certificate & Workshops

Intel-Unnati AI, ML & Deep Learning Internship | Intel & EdGate Technologies Pvt. Ltd.

Apr 2025

- Completed an intensive internship focused on Artificial Intelligence, Machine Learning, and Deep Learning.
- Enhanced skills in supervised learning, neural networks, and deep learning frameworks.

5 days' Workshop on Emerging Trends

Aug 2024

- Participated in a 5-day workshop covering advancements in AI, ML, and emerging technologies.

Workshop on Penetration Testing and Bug Bounty

Feb 2024

- Engaged in hands-on sessions on ethical hacking, cybersecurity, and risk assessment during a specialized workshop.

Extra-curricular Activities

Internal Hackathon (SIH 2024) | [Github repository](#) | [Live Demo](#)

Sep 2024

Tourдост - Travel Planning Website | HTML, CSS and JavaScript

- Participated in a university-organized hackathon with a team of six members, designed and developed Tourдост, a responsive travel planning website.
- Key focus areas include intuitive navigation, visually engaging content, and optimized performance for an effortless browsing experience.

Languages Known

Language	Read	Write	Speak
English	Yes	Yes	Yes
Hindi	Yes	Yes	Yes
Bengali	No	No	Yes

Hobbies

Hobbies include cooking and watching sci-fi movies.

Personal Details

Date of Birth: 8th July 2004

Permanent Address: Railpar Saradapally, Panagarh, West Bengal- 713148

Nationality: Indian