

Gaurav Kumar Choudhary

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Education

National Institute of Technology, Sikkim

B.Tech. in Computer Science and Engineering

Aug 2023 – Present

CGPA: 9.05

Sun Shine Residential Public School, Patna

Class XII (CBSE, PCM)

2021 – 2023

Percentage: 88%

S.S. International Public School, Darbhanga

Class X (CBSE)

2020 – 2021

Percentage: 91%

Work Experience

Igurus Consultancy Services, Remote

Application Development Intern

Jun 2025 – Present

- Developed RESTful APIs with FastAPI and PostgreSQL, improving query efficiency by 20%.
- Designed responsive Next.js UI, reducing load time and enhancing user engagement.
- Automated financial data scraping in Python, cutting processing time by 20%.
- Collaborated in Agile teams using Git and Docker to deliver scalable features.

Projects

Social Media Web App | Spring Boot, React.js, MySQL

| GitHub

- Built a full-stack platform with authentication, posts, and user profiles.
- Engineered secure REST APIs and integrated a responsive React.js frontend.
- Achieved cross-browser compatibility and scalable backend design.

AI-Powered Email Response System | Spring AI, Gemini API

| GitHub

- Developed AI-powered email generator for professional responses.
- Integrated Gemini API, improving drafting efficiency by 30%.

Contact Management App | Java, Spring Boot, MongoDB

| GitHub

- Implemented secure authentication and role-based access control.
- Enabled CRUD operations with MongoDB/MySQL hybrid storage.
- Optimized backend APIs, reducing response time by 15%.

Technical Skills

- Languages:** C, C++, Java, Python, JavaScript, SQL
- Backend:** Node.js, Spring Boot, FastAPI, Flask, RESTful APIs
- Frontend:** React.js, Next.js, Thymeleaf
- Databases:** MySQL, PostgreSQL, MongoDB
- Machine Learning:** TensorFlow, scikit-learn, pandas, NumPy, Matplotlib
- Tools:** Git, Docker, IntelliJ, PyCharm, VS Code

Positions of Responsibility

DevCans — Coding Club, NIT Sikkim

Active Member

Nov 2024 – Present

- Contributed to open-source projects and peer code reviews.
- Organized coding workshops and hackathons for 100+ students.

Udgam, Cultural Fest, NIT Sikkim

Volunteer — Web Development & Publicity

Nov 2024

- Built and maintained event web pages and digital promotions.
- Collaborated with tech team to support large-scale event operations.

Achievements and Certifications

- ISRO: Completed Geodata Processing using Python & ML certification.
- Udemy: Data Science and Machine Learning course by Krish Naik.
- Solved 250+ LeetCode problems in Data Structures & Algorithms.
- National finalist, Smart India Hackathon (SIH) 2024.