Sonam Gupta

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⦿ github.com/sonamgupta01   🔗 https://sonamgupta01/Portfolio/

Profile

A passionate learner and problem-solver with a knack for applying technical skills in innovative ways. Continuously learning through impactful projects in Web development, AI/ML, and Data analytics, with a commitment to delivering efficient, user-focused solutions. Proficient in crafting projects that blend creativity with practical implementation to address real-world challenges.

Education

2024 – present Kollam, India	**B-Tech, Computer Science Engineering(Artificial Intelligence)** *Amrita Vishwa Vidyapeetham (Amritapuri Campus)* CGPA : 7.3
2018 – 2020 Birgunj, Nepal	**Higher Secondary school (+2)** *Trijudha M.P.R.R Higher Secondary school* Percentage : 83%
2015 – 2018 Birgunj, Nepal	**Secondary school (10)** *Trijudha M.P.R.R Higher Secondary school* Percentage : 86.75%

Internship

2025/01 – present Kollam, India	**NullClass.Com** ↗ Independently developed machine learning and deep learning projects under mentor guidance at NullClass. Applied advanced algorithms to analyze complex datasets, enhancing proficiency in Python and relevant libraries.

Projects

2024/10 – 2025/12	**Real Time Scene Description and Object Recognizing for Visually Impaired Assistant** ↗ A deep learning-powered voice assistant using OpenCV and pre-trained models like YOLO to identify objects in real time and provide voice feedback, ideal for education, accessibility, and smart automation.
2024/12 – 2024/12	**Property Analysis and Trends** ↗ This Excel dashboard visualizes property data—types, availability, bedrooms, pricing, and location—using bar, pie, and line charts, aiding real estate analysis and decision-making.
2023/03 – 2023/05	**Event Management System** ↗ Developed an event management system with HTML, CSS, and JavaScript to track event details, guest lists, updates, and fees for seamless coordination.
2023/02 – 2023/04	**Vehicle management system** ↗ Developed a Java-based project utilizing OOP principles to manage and display vehicle details, including count, color, and other properties. Implemented features to track and categorize vehicles efficiently.

Skills

Programming Languages
HTML | CSS | JavaScript | Python | C++ | C | Java

Frameworks & Tools
Node.js | React | WordPress | Framer

Databases
PostgreSQL

Artificial Intelligence
ML | DL

Data Analysis and Visualization
Excel | Power BI | Tableau

Professional Values
Continuous Learner | Adaptable | Integrity | collaboration

Courses

2022 – present
Kollam, India

Related Course Work
Amrita University
DAA | DSA | OS | Computer Networks | Computer Vision and Image Processing | Python for Machine Learning | ROS | Computer Security | Cloud Computing | NLP | DL

Community Outreach Program

2024/10 – 2024/11
Karunagapally, India

Student Social Responsibility Project ⬈
The Wellness Journey
Conducted this project at Lord Public School, Karunagappally, focusing on three essential aspects: Fit, Food, and Fresh. Guided students to embrace a clean and green lifestyle by incorporating exercise, meditation, and healthy eating habits, encouraging them to follow these principles throughout their lives.

Achievements

AI accomplishments (2022-2024) ⬈
DataCamp ⬈
Ai Foundamentals and Deep Learning

kaggle ⬈
Competed in data science challenges, improving ML skills.

AiCerts ⬈
Mastering deep learning, computer vision, and AI model deployment.

Unstop (10-2024 to 11-2024) ⬈
ICPC style Coding (Organized by IIIT NAGPUR) ⬈
Advanced to Round 2, refining algorithmic problem-solving.

Hackathon (Organized by IIIT Bangalore) ⬈
Built an AI-powered attendance system in an online hackathon.

Languages

English
(professional proficiency)

Nepali
(Native proficiency)

Hindi
(Working proficiency)

Bhojpuri
(Native proficiency)