

Soumit Roy

+91 9830270523 | soumit707@gmail.com | linkedin.com/in/soumit | github.com/soumit

PROFESSIONAL SUMMARY

Tech enthusiast with a passion for machine learning, data analytics, and problem-solving. Proficient in developing innovative solutions using advanced technologies. Dedicated to continuous learning and achieving impactful results in real-world applications.

TECHNICAL SKILLS

Programming Languages: Python, C, SQL

Developer Tools: VS Code, Jupyter Notebook, Google Colab, Linux

Frameworks/Libraries: TensorFlow, Keras, Flask, NumPy, Pandas

Specialized Skills: Machine Learning, Data Analytics, Computer Vision

EDUCATION

Kalinga Institute of Industrial Technology

Bachelor of Technology in Electronics and Computer Science; CGPA: 8.38

Bhubaneswar, Odisha, India

Aug. 2022 – May 2026

Aditya Academy Senior Secondary

CBSE Class 12th; Percentage: 86.2

Kolkata, West Bengal, India

Apr. 2020 – Apr. 2021

Aditya Academy Secondary

CBSE Class 10th; Percentage: 89.6

Kolkata, West Bengal, India

Apr. 2018 – Apr. 2019

PROJECTS

Volume Control Through Hand Tracking | *Python, OpenCV*

Nov. 2024

- Developed a real-time hand gesture volume controller using OpenCV and Pycaw.
- Integrated volume control functionalities with visual feedback for seamless user experience.
- Achieved smooth performance with an FPS of 30+ using optimized code logic.

DBMS Minor Project | *SQL*

Apr. 2024

- Created a database system for managing movie CD rentals and art gallery inventory.
- Designed ER diagrams and schema with normalization for efficient database operations.
- Enhanced query efficiency, achieving an 80% reduction in redundancy.

Snake Game using Pygame | *Python*

Mar. 2024

- Built a classic Snake game with dynamic gameplay using Pygame.
- Implemented features like collision detection, score tracking, and scalable levels.
- Applied OOP principles to ensure modular and maintainable code structure.

EXPERIENCE

Central AICTE-EduSkills Virtual Internship

Virtual

Full-Stack Development Intern

Nov. 2024 – Dec. 2024

- Completed training on Python, backend integration, and database management.
- Developed a responsive web application with guided mentorship.
- Strengthened understanding of REST APIs and server-side development.

CERTIFICATIONS

Supervised and Unsupervised Learning – Coursera Certification.

Advanced Learning Algorithms – Coursera Certification.