

Sangam Jha

📍 Biratnagar, Nepal | ✉️ [E-Mail](#) | [in LinkedIn](#) | [GitHub](#)

Education

B. Tech in Computer Engineering

Pandit Deendayal Energy University, Gandhinagar, India

July 2024 – Present

Higher Secondary (+2 Science)

Arniko Awasiya Secondary School, Biratnagar, Nepal

2022 – 2024 | GPA: 3.50/4.0

Secondary Education (NEB 10th Board)

Godawari Secondary English School, Biratnagar, Nepal

2010 – 2022 | GPA: 3.45/4.0

Technical Skills

- **Languages:** Python, C, C++
 - **Development:** Web Development, Full Stack (HTML, CSS, JS)
 - **Concepts:** Data Structures & Algorithms, AI Fundamentals
 - **Tools:** Git, APIs, Report Writing, Project Management
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Projects

Fire Alarm Detection System

Smart IoT (Camera Scanning)-based fire detection system using Python.

Spam Detection Model

Implemented ML algorithm to classify emails as spam/ham.

Weather App

Built a web app for real-time weather updates using JavaScript and APIs.

Hospital Management System

Hospital management system for managing patient records, appointments, and administrative workflows.

Event Management System

Event management platform to coordinate schedules, attendees, and event logistics in one place.

Experience

Graphics Designer -CSE Newsletter, PDEU

Joined Jul 2025 | Gandhinagar, Gujarat

- Designed graphics for marketing and branding.
- Created visuals for social media and presentations.

R&D Staff (Intern) – Sangita Paints Pvt. Ltd

Aug 2023 – Jul 2024 | Biratnagar, Nepal

- Supported product testing and technical research.
- Contributed to innovation in material development.

Joint Secretary – Interact Club of Arniko College

May 2022 – Jul 2024 | Biratnagar, Nepal

- Led tech initiatives and student-led events.
 - Coordinated workshops and volunteering programs.
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Certifications

- Data Science and AI Bootcamp – ISMT College (*University of Sunderland*)
 - JavaScript Bootcamp – HP Tech
 - Full Stack Development Course – The Byte Brains & ADe Technology
 - Digital Marketing – Virinchi College (*Asia-e-University*)
 - Volunteering & Organizing Higher Education Expo – ING Skill Academy
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Languages

- English, Hindi, Nepali, Maithili – All Professional Proficiency or Above