

SNEHA YADAV

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PROFILE SUMMARY

Dedicated Computer Science student skilled in software development, web/app development. Experienced in solving complex problems, collaborating across teams, and managing projects efficiently. Strong communicator with a passion for building impactful, tech-driven solutions..

EDUCATION

- **Amrita Vishwa Vidyapeetham** 2022 - 2026
Bachelor of Technology in Computer Science Amritapuri, Kerala, India
 - CGPA: 7.1/10.00
- **Capital College and Research Center** 2019-2021
+2(SLC) Kathmandu, Nepal
 - CGPA: 3.66/4.00
- **Nightingale International Secondary School** 2019
10th SEE Kathmandu, Nepal
 - CGPA: 3.60/4.00

PROJECTS

- **TRACE : Tracing and Real-Time Analysis for Cybersecurity Enforcement.** 12/2024
Tools: LLM, API, React
 - Drug Trafficking detection and monitoring on social media platforms.
 - Tracking suspect's IP, social media contacts and involvement in other activities.
 - AI powered fake user communicating with suspect to extract details from them.
- **PDF-to-Multiple Choice Question (MCQ) Converter Web Application** 03/2024
Tools: React, AI, Figma
 - Built dynamic React components rendered based on AI inputs.
 - Designed user interfaces and interactive prototypes using Figma.
 - Developed aesthetic animations, improving user engagement and experience.
- **Language Translator Web Application** Month Year
Tools: JavaScript, React, Google Translate API
 - Designed a multilingual web application allowing real-time text translation.
 - Integrated Google Translate API for seamless language conversion.
 - Implemented a user-friendly interface with features such as text-to-speech and translation history.
 - Enhanced accessibility by supporting multiple languages and ensuring responsive design for mobile devices.

SKILLS

- **Programming Languages:** JavaScript, Java, C++, OOPS
- **Web Technologies:** React JS, Node JS, UI/UX
- **Version Control:** Git, GitHub

CERTIFICATION

- POSTMAN API FUNDAMENTALS
- REACT THE COMPLETE GUIDE- UDEMY

POSITION OF RESPONSIBILITY

- **ICPC (International Collegiate Programming Contest) 2024 Co-Ordinator**
 - Organized volunteer activities, working with others and improving team morale through teamwork.
- **GGSOC '24 (GirlScript Summer Of Code)** - Active contributor in the open-source community, collab.
- **GSSoC Campus Ambassador** - Promoted the GirlScript Summer of Code event on campus, encouraging student participation and facilitating communication between the organizing team and participants.
- **Member of CISI (Computer Science Club)** - Conducted workshops for new students and contributed to multiple projects, fostering collaboration and learning.

ACHIEVEMENTS

- **SMART INDIA HACKATHON - Finalist**

11/12/2024 - 12/12/2024

IIT Bhubaneswor

[\[Link\]](#)

- Developed TRACE, a web based platform to track drug activities on social media.
- Implemented web scrapping for real time data extraction from Telegram, Whatsapp and Twitter.
- Designed an AI- powered chatbot that converses naturally with drug dealers.
- Led a team of six to build a functional prototype under tight deadlines.

- **DEFINE - Winner**

06/2023 - 08/2023

Mar Baselios College

[\[Link\]](#)

- Led a team of 3 to develop and deliver an innovative solution at Mar Baselios college's hackathon with 1600+ participants
- Built a working web app prototype that helps Students with their exam preparation