

Ujjwal

Pune, India | ujjwalsidhu123@gmail.com | +91 9520032069 | [LinkedIn: ujjwalsidhu](#) | [GitHub: bionycop](#)

EDUCATION

Symbiosis Institute of Computer Studies and Research (SICSR)

Pune, Maharashtra

M.Sc. in Computer Applications (Pursuing)

Expected Graduation, May 2026

- **Related Coursework:** Designing Content Management System, Best Programming Practices, Computation in Python, Research Methodology.
- **Key Achievement:** Won 1st place in SICSR Hackathon 2024 for EcoBytes (food-waste app built with React Native and Firebase).

Birla Institute of Technology, Mesra

Noida, Uttar Pradesh

BCA

Graduation, May 2024

- **CGPA:** 7.05/10
- **Related Coursework:** Programming in C, C++ and Java, Data Structures & Algorithms, Database Management Systems, Object-Oriented Programming, Statistics & Applications.

EXPERIENCE

DST (Department of Science & Technology)

Noida, Uttar Pradesh

Intern

10th May, 2023

- Built a Menstrual Hygiene Awareness App prototype using MERN stack, targeting rural communities. Features included myth-busting content, period tracker, and product locator.
- Integrated a period tracker and sanitary product recommendations to empower users with accurate menstrual health information, especially for rural communities.

Social Media & Event Management

Noida, Uttar Pradesh

Intern

1st May to 30th Jun, 2023

- Led a social media awareness campaign, designed, and launched digital marketing strategies to enhance the university's admission process, contributing significantly to student attraction by creating engaging advertisements across digital platforms, ensuring high audience engagement. This involved utilizing targeted advertising and user-generated content to build community trust and enhance visibility.
- Produced informative and visually appealing newsletters to keep stakeholders informed and engaged.
- Assisted in the organization of the ICIEM'23 Conference (200+ attendees), supporting with the preparation of invitations, collection of abstracts, and coordination of conference sessions.

PROJECTS

EcoBytes

Pune, Maharashtra

Team Lead

4th Oct, 2024

- Hackathon-winning app to reduce food waste by allowing users to track food expiry dates and receive recipe suggestions.
- Features include:
 - Barcode/QR scanning for quick product entry,
 - Expiry tracking with low-stock alerts to minimize food waste,
 - Recipe generation based on available ingredients, meal preferences, and dietary restrictions.

TalkativeSubs

Pune, Maharashtra

Developer

28th Nov, 2024

- Developed an AI-powered subtitle generation tool using Python, FFmpeg, and OpenAI's Whisper model to automate the creation of synchronized subtitles for videos.
- Features include:
 - Subtitle to audio conversion.
 - Generate subtitles from audio files (MP3, WAV, etc.) using OpenAI Whisper.

SKILLS

Programming: Python, JavaScript, HTML/CSS, SQL, React.js, SCILAB, C++, C, Java

Tools: Android Studio, IntelliJ, Eclipse, Jupyter Notebooks, Git