

# Srachet Rai

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## About

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As an aspiring cybersecurity professional with a solid foundation in web development and ethical hacking, I am certified in Ethical Hacking and Machine Learning. My experience includes developing health-focused mobile applications, serving as a Design Core member at TEDxNIITUniversity, and working as a Junior Web Designer. I am committed to learning and creating innovative solutions to address cybersecurity challenges.

## Education

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### NIIT University

Bachelor of Technology in Computer Science  
CGPA: 7.81

[Neemrana, Rajasthan]  
[2026]

## Experience

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### Design Core

TEDxNIITUniversity

[Neemrana, Rajasthan]  
[Oct 2023 - May 2024]

- Assisted in organizing and managing TEDx talks, contributing to an engaging experience for students.
- Designed promotional materials and event visuals, enhancing audience engagement.
- Captured and edited event footage, ensuring high-quality post-production output.

### Junior Web Designer

Maa Karmaa Global Engineering LLP

[Kalyan, Maharashtra]  
[Apr 2023 - Sep 2023]

- Designed and developed web pages using HTML/CSS, improving UI/UX consistency.
- Created engaging graphic designs to enhance visual communication.
- Collaborated with cross-functional teams to implement responsive design solutions.

### Instructor

NIIT Foundation

[Kalyan, Maharashtra]  
[Sept 2022 - May 2023]

- Worked as an instructor for NFS Teaching Project under NIIT Foundation.

## Projects

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### Wifi-CSI Based Activity Recognition

[ Apr 2024 - Present]

- This project utilizes WiFi CSI to recognize daily human activities without using cameras, ensuring privacy.
- It collects CSI data from human activities, applying ML and signal processing to classify movements.
- Possible use cases include smart home automation, health monitoring, and security applications.

### TinyLinux

[ Dec 2024 - Feb 2025]

- A lightweight Linux distribution built with a compact kernel, custom shell, and efficient system calls using assembly. (The kernel being <1mb)
- It provides a minimal OS environment for learning low-level system programming and OS development.
- Primarily for embedded systems or performance-critical applications requiring a small OS footprint.

## Skills

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Python, Java, Flutter, Git & GitHub, Internet of Things (IoT), Linux, Virtualbox, QEMU, Ethical Hacking, Data Analysis, Web Development, Graphic Design, Blender 3D, Adobe Suite & Figma

**Soft Skills:** Adaptability, Quick Learning, Leadership, Research

## Additional

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**Language Skills:** English , Hindi

**Certifications:** GCP & Generative AI (Google), Ethical Hacking (Udemy), ML (IIT Bombay), Blender (Udemy)

**Volunteer Experience:** Design and Tech (siNUSoid), Design and Post-production (TEDxNIITUniversity)

**Socials:** Portfolio - [srachetrai.netlify.app](https://srachetrai.netlify.app) : GitHub - [github.com/Cryio](https://github.com/Cryio) : Linkdin - [linkedin.com/in/srachetrai](https://linkedin.com/in/srachetrai)

**Interests/Hobbies:** 2D & 3D Digital art, Baking, Gaming