

# Kaustubh Tiwari

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## EDUCATION

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**Vivekananda Institute of Professional Studies**, *Bachelor of Technology, Computer Science and Engineering*

- **University:** Guru Gobind Singh Indraprastha University
- **Specialization:** Artificial Intelligence and Machine Learning
- **CGPA:** 8.2
- **Graduation:** July 2025 (Expected)

**Laxman Public School, Senior Secondary Education**

- **Grade:** 95%
- **Graduated:** May 2021

## WORK EXPERIENCE

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**Freelance Software Developer - Upwork**, Remote

*March 2024 - Present*

- Delivered Full-Stack websites for clients in e-commerce, cryptocurrency, and education.
- Built an e-commerce website using Next.js and Supabase, developing UI screens and an Admin Panel.
- Created a cryptocurrency website featuring payment and referral systems, using Next.js and Firebase.

**SDE Intern - Bluestock Fintech**, Remote

*August 2024 - October 2024*

- Designed and developed the IPO Web Application frontend using HTML, CSS, Bootstrap and JavaScript.
- Built the backend with Django, integrating APIs and handling database interactions.

**Machine Learning Intern - SAG, DRDO**, New Delhi, India

*August 2023 - September 2023*

- Developed Supervised Intrusion Detection System for IOT Networks using Python and labeled cyberattack dataset.
- Detection System trained for 15 types of Cyber Attacks for IOT Networks using Random Forest Classifier.
- Used various Python libraries like Sklearn, Matplotlib, Seaborn and Pandas.
- Researched on Machine Learning algorithms for cybersecurity in IOT Networks.

## Achievements & Certifications

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**Naukri Campus Young Turks Competition - Naukri Campus**

*October 2024*

Achieved 96.20% percentile in the Naukri Campus Young Turks Skill Contest, recognized by leading industry experts as one of India's largest skill competitions (October 2024).

**Full Stack Web Developer Winter Training - EICT Academy, IIT Kanpur**

*Dec 2022 – Jan 2023*

Month long winter training program at IIT Kanpur in which I learnt Full Stack Web Development using HTML, CSS, JS, PHP and MySQL.

## PROJECTS

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**Project Management App**([Link](#)) - Basic project management and collaboration app made using Flutter and Firebase. It provides functions like creating projects, creating and assigning tasks to team members and setting deadlines.

**Medical Assistance ChatBot**([Link](#)) - Created a Flutter-based AI Medical chatbot which takes any medical related queries and provides answers. It also has a BMI calculator. We used Flutter for frontend application and Flask for API. The AI chatbot is trained on custom medical data and data from the GPT3 model.

**Discord Clone**([Link](#)) - Developed Discord clone using NextJS, TailwindCSS and Supabase. Includes all communication features like Discord including realtime chat and voice call. You can chat with your friends in real time through WebSockets and create voice/video calls.

## SKILLS

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C, C++, Java, Python, Node.js, React.js, MERN, HTML, CSS, JavaScript, Flask, Next.js, TypeScript, SQL, MongoDB, Firebase, REST API, Flutter, AWS.