# Siddharth Gupta

cyddharthgupta@gmail.com | (91) 9818546258 | linkedin.com/in/cyddharth |
github.com/Cyddharth-Gupta | Portfolio Website: sgfolio.vercel.app

## Education

**Bachelor of Technology in Industrial Internet of Things**   *December 2021 - July 2025 (expected)*
Guru Gobind Singh Indraprastha University, Delhi, Delhi   CGPA: 9.118 / 10.00 (upto 3rd sem)

**Bachelor of Science in Data Science and Applicatons**   *September 2021- December 2025(expected)*
Indian Institute of Technology, Madras

## Technical Skills

- Programming Languages: Javascript, Typescript, Python, C++
- Web Development: HTML, CSS, React, Next.js, Node.js, Three.js, Django
- Database Management: MongoDB, SQL
- Version Control: Git
- Cloud Platforms: AWS
- Software Development Tools: Visual Studio Code, GitHub, BitBucket

## Projects

**AI Powered 3D T-Shirt E-Commerce Store**   *Jan 2023 - Feb 2023*

- Developed an immersive AI-powered 3D website using **Three.js**, a popular JavaScript library for 3D graphics.
- Created dynamic 3D scenes and animations to enhance user engagement and interactivity.
- Implemented **AI algorithms** to provide personalized content recommendations based on user interactions.
- Utilized **HTML**, **CSS**, **React.js** and **Node.js** to build the front-end interface and the backend, ensuring compatibility across devices and browsers.
- Integrated backend APIs for data retrieval and real-time interactions, enhancing the user experience.

**MERN Video Chat App with WebRTC and Socket.io**   *March 2023 - April 2023*

- Developed a real-time video chat app using **MERN** stack (**MongoDB**, **Express**, **React**, **Node.js**) with WebRTC and Socket.io.
- Enabled peer-to-peer video/audio calls, user authentication with **JWT**, and dynamic chat rooms.
- Utilized **WebRTC** for high-quality streaming and **Socket.io** for smooth call initiation and text chat.
- Ensured cross-browser compatibility and responsive UI (**React**, **HTML**, **CSS**) for optimal user experience.

**Plant Communicator IoT Project**   *May 2023 - June 2023*

- Led **cloud integration and Arduino coding** for a collaborative IoT-based "Plant Communicator" project.
- Enabled plants to share environmental data, fostering **real-time interaction** and **remote monitoring**.
- Collaborated with multidisciplinary team on hardware design, software development, and user interface.
- Empowered users to monitor and care for plants based on real-time insights.

## Work Experience

**Software Engineering Intern** *May, 2023 - Present*
Nessviews, Chandigarh (Remote)

- Led end-to-end development of [Feature Name] with **Next.js** frontend and **Node.js** backend, optimizing user engagement and response times.
- Integrated **React** and **Redux** for dynamic user interfaces, collaborating closely with UX/UI designers for seamless design implementation.
- Engineered secure user authentication using **JSON Web Tokens (JWT)** and built 3 API endpoints and 1 data model for creating, updating and sending offers.
- Resolved technical issues through rigorous **debugging, minimizing downtime** and enhancing user satisfaction.

**Full Stack Web Developer** *September 2022 - April 2022*
Explornovate Private Limited, Delhi, India(Remote)

- Led **React and Node.js** team, **automating** sales, inventory, and reporting, driving a **45%** revenue surge.
- Utilized **AWS** for seamless deployment, ensuring robust performance and data security.
- Employed Kotlin to enhance user engagement through dynamic features.

**Full Stack Web Developer** *July 2022 - August 2022*
V.K. Gupta and Company, Delhi, India(Remote)

- Revamped business website using **MERN stack**, contributing to 30% online engagement boost.
- Implemented **Python-based** automated email system **via SMTP**, enhancing customer outreach.
- Employed **AWS** for seamless deployment, ensuring performance and data security.

## Achievements

- **Top 10%** of the Class of '25 in B.Tech (Internet of Things)
- Selected to showcase my **IoT-based project, "Plant Communicator"**, to the **Chief Minister of Delhi- Mr. Arvinder Kejriwal** and **Lieutenant Governor of Delhi- Mr. Vinai Kumar Saxena**
- Played a key role in the founding team of Frespore air, introducing a **groundbreaking concept for air purifier technology**.
- Successfully negotiated the sale of Frespore air's innovative technology, **generating revenue in 7 figures**.

## Certifications

- Certificate in **Data Structures in C++**, Coding Ninjas (Link: https://tinyurl.com/5dac56hs)
- Certification in **Machine Learning and Deep Learning- Fundamentals and Applications** (ongoing), Indian Institute of Technology, Guwahati (NPTEL)

## Extracurricular Activities

- Member of **Intel oneAPI Students Club**, actively participating in coding challenges and hackathons.
- Contributing to Open Source Projects and Google community events.

## References

Available upon request.