

# SOMYA JHA

Bengaluru, India • m2somya@gmail.com

+91 84485-03999

[linked.in/thestormbreaks](https://www.linkedin.com/in/thestormbreaks)  
[github.com/thestormbreaks](https://github.com/thestormbreaks)

## PROFESSIONAL EXPERIENCE (Internships)

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### ST TELEMEDIA GLOBAL DATA CENTERS

Bengaluru, India

#### Data-Center Operations and Management

September 2024 – October 2024

- Gained hands-on experience in data center management, operations, and relocation.
- Assisted with EPMS, CPM and Integration of Building Monitoring System on a Centralised Monitoring System (CMS)

### IMPRESSIONIST INC.

Bengaluru, India

#### Cybersecurity Research

January 2024 – February 2024

- Research on indigenous technologies (loitering munitions) and its cybersecurity in military
- Analyzing problem statements for supporting the development of such technologies and its cybersecurity

### CYBERHERTZ CONSULTANTS PVT. LTD.

Delhi, India

#### Cybersecurity Policy Research

September 2023 – December 2023

- Qualitative Research in Data Science and Cybersecurity policies of the government.
- Comprehensive study on policies, regulatory of IT and Cyberlaw

#### Full Stack Developer

June 2023 – August 2023

- Web Development: UI/UX Development (Frontend), Hosting and DNS on GoDaddy (Management).
- Projects: Worked on personal projects [E-Commerce Website] and [AI Chat Bot] under guidance.

## PROJECTS

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### App Development

- Shuchita (Technovation Regional Winners) - Linking rural women with NGOs producing affordable sanitary napkins, establishing a platform for doctor-patient connect. Research supported by on-site awareness campaigning.
- FarmEasy - On-site research on Krishi Vigyan Kendra (KVKs) to fill the gap between research and the farmers. **Supported by the study on Internet Penetration in India** to promote use of upcoming technologies (IOT, Drones, Aggrotech. Etc.).

### Documented Research

- Exploring the Future Battlefield - An In-Depth Study on Loitering Munitions with **Impressionist Inc.**
- Data Center Infrastructure: Construction, Operation, and Maintenance with **STTelemedia Global Data Centers.**

### Full Stack Web Development with Cyberhertz Consultants Pvt. Ltd.

**Software Development** of an integrated simulated system of BMS, CPM and EPMS integration on a CMS with **STTelemedia Global Data Centers.**

## EDUCATION

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MS Ramaiah University of Applied Sciences – BTech in Maths and Computing]

2023-2027

The Vivekananda School | Intermediate - PCM + PEd.

Grad. 03/2023

Amity International School | High School - PCM + SSc + CS

Grad. 05/2021

## SKILLS

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- **Languages:** C, C++, C#, Java, Python, CSS, JavaScript, HTML, SQL
- **Framework and Tools:** React, Django, Node.js, Git and Github, Next.js, Tailwind

## AWARDS AND HONOURS

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- **National:** Emerging Woman in Cyber from Assocham, presented by Ms. Jyoti Arora (Spl. Secretary, MeitY)
- **Regional Winners** (Technovation) – Suchita Application and business pitch