

# Yash Sigchi

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## EDUCATION

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### Vellore Institute of Technology

*Bachelor of Technology in Computer Science sp. in AIML — CGPA: 8.7/10*

Aug 2023 – Present

Chennai, India

### Maheshwari Public School, Jawahar Nagar

*Higher Secondary Education (PCM) — JEE Mains Percentile: 94.8 — Class XII: 93%*

2013 – 2022

Jaipur, India

## EXPERIENCE

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### 1M1B Green Internship — AI Tools, Data Analytics, Climate Tech, Tableau

Jul 2025 – Aug 2025

- Selected by **1M1B Green Skills Academy** in partnership with **AICTE, Salesforce, and SEMI** for a prestigious 5-week virtual internship
- Worked on **climate intelligence projects** involving **AI, data visualization, and sustainability metrics** across energy, water, and waste
- Used platforms like **Tableau and environmental calculators** to derive insights and generate visual sustainability reports
- Contributed to **Green Campus initiatives** and participated in **digital advocacy** through tech-enabled storytelling
- Delivered a final **Sustainability Report and Net Zero Roadmap**, showcasing actionable, data-driven climate solutions

### Edunet AICTE Internship — AI, ML, Project Development, Data Modeling

Jul 2025 – Aug 2025

- Chosen for a **4-week project-based internship** focused on **Green Skills using AI** by **Shell, Edunet Foundation, and AICTE**
- Completed weekly **milestones in AI/ML pipeline** including data preprocessing, model selection, optimization, and evaluation
- Received personalized guidance via **mentorship sessions, AMAs, and project reviews** by industry experts
- Designed and presented a **climate-action project prototype** to a panel of subject matter experts
- Earned certification based on **project submission, attendance, and technical excellence**

## PROJECT

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### BhashaBridge — Flutter, Dart, Firebase, REST APIs, AI APIs

Apr 2025 – Jun 2025

- Developed an **AI-powered cross-platform chat app** with real-time multilingual support for over **40 language combinations**
- Automated language detection and translation using user preferences from Firebase, increasing global usability by **3x**
- Enhanced communication clarity with **bi-directional translation**, enabling **100% understanding** between diverse users
- Integrated OpenAI APIs for seamless translation; decreased manual translation time by **90%**
- Revamped UI/UX using Flutter best practices; improved session retention by **60%**

### DilKeTaar — React.js, Node.js, MongoDB, WebRTC, Docker

Apr 2025

- **Live Demo:** <https://dilketaar.onrender.com>
- Built a secure messaging app with **real-time text, audio, and video** via WebRTC and Socket.io
- Secured sessions using JWT; cut unauthorized logins by **98%** post-launch
- Reduced bandwidth by **35%** and storage by **45%** with custom media compression
- Maintained **99.7% uptime** with Docker + GitHub Actions deployment

## TECHNICAL SKILLS

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**Languages:** Python, Java, C, C++, JavaScript, HTML5, SQL

**Libraries & Frameworks:** React.js, Node.js, Firebase, WebRTC, Socket.io, Tailwind CSS, Flutter

**Developer Tools:** Git, GitHub, Postman, Figma, Firebase, Supabase, RestAPI, MongoDB, MySQL, Firestore

## CERTIFICATIONS

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**Python for Data Science and Machine Learning** – Udemy (2023)  
**Google Cloud Computing Foundations** – Coursera (2024)  
**Data Structures and Algorithms Specialization** – CodeWithHarry (Ongoing)  
**AI for Beginners** – HP LIFE (Jul 2025)  
**Getting Started with Artificial Intelligence** – IBM SkillsBuild (Jul 2025)  
**AI Skills Passport** – EY + Microsoft (Jul 2025)  
**Technology Job Simulation** – Forage Virtual Internship (Jul 2025)