

Tejas Parse

+91 6302364800 · tejasparse1@gmail.com · [Portfolio Website](#) · [LinkedIn](#) · [GitHub](#) · Hyderabad, Telangana

EDUCATION

Indian Institute of Information Technology, Sri City

Chittoor, Andhra Pradesh

B.Tech in Computer Science and Technology

Expected Apr 2024

Specialisation in Artificial Intelligence and Machine Learning

CGPA (6 Sems): 9.33

Relevant Coursework: *Machine Learning, Deep Learning, Data Structures and Algorithms, OOP, DBMS, Artificial Intelligence, COS, CCN, Full Stack Development, Information Retrieval, Computer Vision*

EXPERIENCE

Full Stack Dev 1 Intern - Settyl Tech Pvt Ltd

May 2023 – Sept 2023

- Working on the company's **micro frontend** architecture and developed several modules one of them being the inventory management module of their supply chain suite.
- Developed **20+ RESTful APIs** in their backend microservice architecture in **Nodejs** and created several **MongoDB** triggers and **Azure Functions** while working closely with the Founder.

Software Development Intern - Appscms Technologies

Jul 2022 – Nov 2022

- Built **50+** GIF processing tools for the company on the front end using Web Assembly.
- Developed and tested new features in the company's flagship product with a team of developers which assisted the company in reaching a milestone of **7,00,000 sessions per month**.

PROJECTS

Devanagari Handwritten Digits Recognition - [Github Website](#)

- Trained several **locally accelerated GPU CNN** models. Made using **ReactJs** and **FastAPI**.
- These models were boosted by a robust Transfer Learning technique that utilized the features of a **Multilingual OCR dataset** that achieved **99.70%** testing accuracy.

PetSanctum – [Github Website Demo](#)

- A web application where one can find animals to adopt and simultaneously upload their pets and apply for the rescue of stray animals through the application.
- Developed 100% RESTful API using **Express.JS** with **MongoDB** as a persistence layer while utilizing **React** on the front end. It follows the **MVC Model** and uses **Redis** for Caching which also is CICD pipelined.

Resume Matcher – [Github](#)

- An effective Search Information Retrieval and Natural Language Processing System, that utilized BM25 scoring algorithms to rank resumes based on search queries.
- The client was made using **React** while **Django(Python)** was used to create an API that fetches documents.

ACTIVITIES AND LEADERSHIP

Club Head - IOTA, Projects Club of IIIT Sri City

Sept 2022 – May 2023

- Lead the **Web Developer Bootcamp** for the Juniors with **5+** sessions on **HTML, CSS, Javascript**
- Organised a **Hackathon** as a part of the college fest which attracted over **400+** participants across India

Mess Secretary - Student Life Council, IIIT Sri City

Sept 2022 – May 2023

- Managed the mess (dining) operations, crafting a balanced menu that enriched the dining experience for over **1000+** students from various backgrounds.
- Headed the technical team for Abhisarga, a prominent South Indian Techno-cultural festival where we flawlessly executed **18 events**, drawing in more than **1900** participants across India.

SKILLS & ACHIEVEMENTS

- Technical Skills:** PyTorch, HTML, CSS, Javascript, ReactJs, Node, Express, MongoDB, MySQL, Android with Java, Flutter, Python, Java, C++, C, Jekyll.
- Languages: English, Hindi; Conversational Proficiency in Marathi, Telugu
- Ranked among the Top 50 Speedcubers of India. [Results](#)
- Completed **Google Hashcode 2022** with a score of 1071918 pts and a global rank of **3425 (AIR 1456)**.
- Ended Google Kickstart 2021 Campaign with the best rank of **2813**.