

Tejas Parse

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EDUCATION

Indian Institute of Information Technology, Sri City
B.Tech in Computer Science and Technology
Specialisation in Artificial Intelligence and Machine Learning

Chittoor, Andhra Pradesh
Expected Apr 2024
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 Corporation

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.
- 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 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**.