

Tejas Ajay Parse

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EDUCATION

Indian Institute of Information Technology, Sri City
B.Tech in Computer Science and Technology
Specialization 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 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

Farmer Producer Organization (FPO) Portal – [Frontend Backend Website](#)

- Contributed to the **Winning** team at **Smart India Hackathon 2023**, actively involved in developing an analytical portal for comparison of FPOs, coupled with a marketplace for income diversification.
- Implemented a **Smart Voice-based Multilingual NLP Chatbot** using **ReactJs** (Frontend) and **Nodejs** (Backend), alongside **Dialogflow** for Text Chatbot, and **MongoDB** for efficient data management.

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 CI/CD pipelined.

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.

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**
- Organized a **Hackathon** as a part of the college fest which attracted over **400+** participants across India
- 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
- Languages: English, Hindi; Conversational Proficiency in Marathi, Telugu.
- Winner of Smart India Hackathon 2023** organized by the **Ministry of Education** held across India.
- 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**.