



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, SRI CITY  
CHITTOOR, ANDHRA PRADESH**

## Tarun Teja Obbina

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### EDUCATION

B. Tech. (CSE)	2022	Indian Institute of Information Technology, Sri City	8.233 / 10.0
Class XII (CBSE)	2018	MP & EV English Medium School, Andhrapradesh	85.8%
Class X (SSC)	2016	Bhashyam High School, Andhrapradesh	9.8 / 10.0

### PROJECTS

#### Woven Artificial Profile (WARP)

(Jan 2021 – Present)

(under the guidance of Dr. Shiv Ram Dubey)

- Automatic generation of video based on a given text.
- Generative Adversarial Networks, Mel spectrograms are the key features.

#### Helka - Personalised News

(Jan 2021 – Apr 2021)

- Helka is a web platform for searching the news articles from a list of news websites.
- It is developed using the MERN stack.

#### Histological routine colon cancer nuclei classification

(Jan 2021 – Apr 2021)

- Implemented RCCNet using Pytorch and Torchvision
- Trained on CRC Histophenotypes
- Implemented a YOLOv1 network for the detection and classification of colon cancer nuclei.

#### Dumbo - Intelligent Document Manager

(Aug 2020 – Dec 2020)

- Dumbo is a web platform for storing all sorts of documents and automatically generates suitable tags for it.
- It is developed using the Django framework with Google cloud as a database.

#### ShareZone

(Jan 2020– Apr 2020)

- ShareZone is a platform for sharing resources within a group or a community.
- It is a B2C web application developed using the Django framework.

### SOFTWARE SKILL SETS

Languages	: C, Python, Java, JavaScript
Operating System	: Windows 10, Ubuntu
Frameworks	: Django, Git, React, Pytorch, Redux, Express
Databases	: MongoDB, MySQL
Others	: HTML, CSS, Bootstrap, MaterialUI, Pandas, OpenCV

## EXTRA CURRICULAR ACTIVITIES & LEADERSHIP ROLES

**Lead for Course Project in Enterprise Application Development** ( Jan 2021 – Apr2021)  
**IIIT Sri City**

- Led the group to create a MERN application using github for version control .
- .Shared the work in equal amounts and distributed based on the interests of my team and conducted code review sessions so that all the team members can learn.

**National Integration Sri City Marathon-2019** (Jan 2019)  
**IIIT Sri City**

- Participated in a 10 km marathon organized by the Secretary National Integration Sri City Committee.

## CERTIFICATIONS & COURSES

**Explore AI ML - Google**

**Introduction to AI ML and DL - Coursera**

**Convolution Neural Networks in TensorFlow - Coursera**

**Build Basic Generative Adversarial Networks (GANs) - Coursera**

### **COURSES:**

Deep Learning | Algorithms and Data Structures | Service Oriented Web Application Development (MERN)

Enterprise Application Development | Database Management System | Digital Image Processing | Compiler Design | Theory of Computation | Computer and Communication Networks | Machine Learning | Computer Vision | Object Oriented Programming