

# Pusthakala Dharan Tej

Hyderabad, Telangana, India

LinkedIn: [Dharan Tej](#)

GitHub: [dharantej1](#)

Gmail: [pusthakala.dharan@gmail.com](mailto:pusthakala.dharan@gmail.com)

Phone: +91-9848282831

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## EXPERIENCE

### TEKsystems Global Services (Internship)

Feb'23 – June'23

*Training and Optimizing Machine Learning Models on GCP for Natalty Data  
(Data Prep, Big Query Analysis, VPC Networks, GCS, Data Proc, Big Query ML, Looker, Tableau)*

## EDUCATION

### Keshav Memorial Institute of Technology, Hyderabad.

*Bachelor of Technology (B.Tech.)*

*Computer Science and Engineering – 2019-2023*

GPA: 7.89/10

### Nano Junior College, Hyderabad.

*Intermediate – (TSBIE), MPC – 2017-2019*

Percentage: 94.4%

### Masters Grammar High School, Hyderabad.

*SSC (Telangana Board of Secondary Education) – 2003-2017*

CGPA: 9.8/10

## SKILLS

**Languages:** Python, C, C++, Java

**Tools/Framework:** NumPy, Pandas, GitHub

**General:** GCP, AWS, Data Structures, Algorithms, OOP, Machine Learning, IOT, Automation, Linux

## PROJECTS

[Low Light Image Enhancement](#) - Developed a Convolutional Neural Network system for enhancing low-light images, improving object detection and scene understanding, while preserving original image content.

[Water Quality Analysis using ANN](#) - This Flask application is designed to Accurately Predict the Potability of the given sample of water with 98% accuracy with the help of Deep Learning Model (Artificial Neural Networks).

[Crop Prediction using Machine Learning](#) - Provides information to cultivate the best food crop based on Soil type, Temperature, Humidity and Rainfall in that area.

**Pi-NAS** - A Raspberry Pi based Network Attached Storage which makes wireless file transfers easier across your home network using OMV (Open Media Vault based on Debian Linux).

## COURSES

[The Joy of Computing using Python, NPTEL](#)

[Deep Learning, NPTEL](#)

[Data Science for Engineers, NPTEL](#)

[Social Networks, NPTEL](#)

## EXTRA CURRICULARS

Achieved a perfect score (30/30) in the Australian National Chemistry Quiz (ANCQ) conducted by the Royal Australian Chemical Institute (RACI) in 2016, earning a Certificate of Class Excellence and ranking within the top 50 students across India. Additionally, secured a high percentile score of 96% in a National Level E-Quiz on Chemistry, organized by the Department of Physical Sciences, Kakatiya Institute of Technology and Science, Warangal in June 2020.

Operate personal YouTube channels, serve as a Video Editing Head for KMIT's Drama Club 'Abhinaya', contributed to the 'Traces of Lenses' Photography Club, and write content as a Blogger, with work displayed on official YouTube channels.

[Delta Edusmith](#) (1.38K Subscribers)

[Delta Gamesmith](#)

[Abhinaya The Drama Club](#)