



Reddibabu Upputolla

M.Tech Additive Manufacturing - TA

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Degree	University/Institute	Year	CGPA/Marks(%)
M.Tech Additive Manufacturing - TA	IIT Hyderabad	2025	7.22
Mechanical Engineering	IIIT RK VALLEY	2021	8.49
XII (Board of Intermediate Education Andhra Pradesh)	IIIT RK VALLEY	2017	8.33
X (Board of secondary Education Andhra Pradesh)	ZP High School	2015	9.70

SCHOLASTIC ACHIEVEMENTS

- Awarded the **National Means-cum-Merit Scholarship** in 8th grade (2013).
- Selected for the **Chekumuki Science Talent Test** in 9th grade (2014).
- Won **1st prize** in the School Essay Competition on library usefulness (2014).
- Participated in the **Science Olympiad** in 8th grade (2013).
- Secured **AIR-1784** in the **GATE 2023 Mechanical Engineering paper**.

POSITIONS OF RESPONSIBILITY

Cricket Team Captain, Mandal Level Tournament (2014)

- Led the team to victory in challenging conditions through strong leadership and teamwork.

Member, PRAYAS Club

- Volunteering to provide free education to rural children, fostering their academic development.

SKILLS

- Programming Languages:** Python ,FORTRAN, Basics of C++
- Databases:** MySQL, MongoDB
- Version Control:** git
- Data Mining:** Numpy , Pandas , Matplotlib , Seaborn , Scipy
- MLops** : basics of Docker , Kubernetes
- Cloud** : AWS , Azure
- Frameworks** : Tensorflow , PyTorch , Scikit-learn
- Operating Systems** : Linux , Windows

RELEVANT COURSES

- Data Science & Programming:** Python Programming , Machine Learning and its Applications , Mathematics: Algebra, Probability, Calculus, Statistics, Statistics

Online Certifications:

- Machine Learning Specialization-Andrew Ng , Introduction to programming , Python & its libraries (Kaggle) , Tensorflow , SQL , Deep Learning (freeCodeCamp)

PROJECTS

Student Score Prediction Project([github](#))

Tools: Python, scikit-learn, Docker, AWS, Kaggle

- Imported and preprocessed a dataset from Kaggle, categorized features into **numerical** and **categorical**, and applied **one-hot encoding**.
- Managed **data ingestion**, **transformation**, and **model training**, and developed a **pipeline using scikit-learn**.
- Deployed the machine learning model** using Docker and **hosted the application on AWS**.

Vehicle Price prediction([github](#)):

- Acquired and cleaned a used cars dataset from Kaggle, addressing **missing values** and **encoding categorical variables**.
- Trained models using **Linear Regression**, **Decision Trees**, **Random Forest**, and **Gradient Boosting**
- Evaluated model performance using **MAE**, **MSE**, and achieved **87% accuracy**.

EXTRACURRICULAR

Active NSS Volunteer

- Engaged in community service initiatives.

3rd Place, 5 km Running Marathon, IIT Hyderabad

- Secured 3rd position in the annual marathon.

JEE Open Day Volunteer, IIT Hyderabad

- Assisted in organizing the annual event for prospective students.

ABHIYANTH Tech Fest Volunteer

- Supported coordination and logistics during the tech fest.

STRENGTH

- Adaptive to new changes
- Ability to work under pressure
- Problem solving , Critical thinking

LANGUAGES

- Telugu , English , Hindi (Basic)