

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE	Vignan University, Vadlamudi (522213)	8.8 (CGPA)	2021–Present
Senior Secondary	M.J.K College, Bettiah, Bihar (845438)	80.2%	2019–2021
Secondary	AG Mission School, Bettiah, Bihar	86.4%	2019

SKILLS

- **Programming Languages**: Python, Go, C++, C, JavaScript
- **Cloud-Native Technologies**: Kubernetes, OpenShift, Docker, AWS
- **MLOps Platforms**: Kubeflow, Feast, TensorFlow
- **Web Development**: HTML, CSS, JavaScript, React.js, Node.js, PHP
- **Databases**: MySQL, MongoDB
- **Version Control**: Git
- **Machine Learning**: Deep Learning, Sequence Modeling, Model Deployment
- **Soft Skills**: Leadership, Collaboration, Problem-Solving, Agile Methodologies

EXPERIENCE

- **Vignan University**

Intern - Technology and Development Department

[August 2024 - Present]
Vadlamudi, India

 - Contributed to the development of a hybrid live-streaming project designed to play video on a local network, utilizing React for the frontend, Node.js for the backend, and MongoDB for data storage.
 - Optimized performance and participated in debugging efforts to ensure reliability in local networks.
 - Collaborated with a cross-functional team to address technical challenges in real-time video delivery.

PROJECTS

- **OpenShift AI Feature Store Simulation**

Tools: Kubernetes, Python, Feast, Docker

2024

 - Developed a feature store prototype leveraging Feast to handle ML data for training and inference pipelines.
 - Designed scalable systems using Kubernetes and Docker for container orchestration.
 - Achieved enhanced performance for model versioning and data consistency.
- **Human Action Recognition Using Deep Learning**

Tools: Python, TensorFlow, Keras, CNN, RNN

2024

 - Built a deep learning model using CNNs and RNNs for accurate human action recognition in videos.
 - Optimized hyperparameters and implemented advanced sequence modeling techniques for improved accuracy.
 - Deployed the model on cloud infrastructure for scalability.
- **Airbnb Clone Web Application**

Tools: React.js, Node.js, Express, MongoDB

2024

 - Designed and implemented a responsive web application mimicking Airbnb’s features.
 - Integrated user authentication, property management, and a booking system.

CERTIFICATIONS

- **Cambridge English Language Assessment**, B2 Level Certification in Cambridge English: Preliminary (PET)
- **NPTEL**, Certified in Internet of Things, C Programming, Cloud Computing, Leadership

ACHIEVEMENTS

- Granted a 50% scholarship for the full duration of the university course
- Achieved a 2-star rating on CodeChef
- Achieved a 4-star rating on HackerRank
- Active contributor to open-source projects related to AI and cloud technologies

POSITIONS OF RESPONSIBILITY

- **Teaching Assistant, DSA** Mentored juniors on Data Structures and Algorithms concepts
- **Registration Coordinator** VFSTR, MAHOTSAV Event
- **Organizer** Cultural and Technical Events
- **Secretary** College Fest