

# Kodumuri Vihar

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## EDUCATION

B.Tech(Artificial Intelligence and Data Science)	2021–Present
VNR VJIET	8.89 CGPA
Intermediate	2021
Sri Nalanda Junior College	97.6%
SSC	2019
D.A.V Model School	10 CGPA

## PROJECTS

### Unveiling the Stars: An exploratory study on NASA

#### Astronauts([certificate](#)):

- The dataset includes 19 astronaut features like names, birthdates, gender, education, military history, space missions, and more.
- The dataset contains 351 entries. Used data cleaning, exploration, and information extraction using Python and MySQL.

### The Use of Ontology for Effective Knowledge Modelling of Distributed

#### Databases and information retrieval:

- Handled a dataset containing 40,000 samples.
- Successfully created an Ontology for a sample of 1000 entries using “Protégé”.

### Handwritten digit recognition using neural networks ([Git](#)):

- Constructed a neural network to predict handwritten digits in MNIST dataset which contains over 60000 training images.
- This neural network model achieved an accuracy of around 90%.

## EXTRA CO-CURRICULAR ACTIVITIES

- Took part in “Applied AI” workshop, where 150 students attended.
- Organized an internal "Smart India Hackathon" across the college, with over 100 teams and 600+ students participating. [certificate](#)
- Conducted Logo design competition for our department through VJ-CreatinAI club in which about 200 students participated.
- Coordinated the "Game-a-palooza" event where 100 junior students took part.
- Actively participated in a 1-week workshop called “RISE”, fostering research mindset. [certificate](#)
- Administered a 3-day workshop on “Application development using python”

## SKILLS

- Languages: Python, MySQL
- Technologies: HTML, CSS, Bootstrap, Machine Learning, Deep Learning
- Libraries: Pandas, Matplotlib, Seaborn

## ACHIEVEMENTS

- Got 9<sup>th</sup> place in a Coding contest conducted by VJ Hackslash.
- Achieved 5-Star Badge in Problem Solving on Hackerrank.

## CERTIFICATIONS

- Beginning C++ Programming- (Udemy) [certificate](#)
- Advanced Learning Algorithms- (Coursera) [certificate](#)
- Unsupervised Learning, Recommenders, Reinforcement Learning- (Coursera) [certificate](#)

- for our department in collaboration with Codegnan company.
- Handled a department wide 24-hour hackathon.

## ROLES AND RESPONSIBILITIES

### President

#### VJ-CreatinAI

- VJ CreatinAI serves as the official departmental club, boasting a membership of more than 200 individuals, all of whom share a common dedication to the domains of Artificial Intelligence and Machine Learning.

### Volunteer

#### VJ-Hackslash

- VJ-Hackslash stands as our departmental club comprising a membership of over 250 individuals dedicated to the field of coding.

## EXPERIENCE

### Bharat Intern ([certificate](#)):

- As part of BharatIntern-2023, built a digit recognition model and titanic classifier.

## SPECIALITIES

- Leadership (Elected as Prefect and School Head Boy)-2019
- Speaking Skills (Won at State and National Level elocutions)-2019

## BLOGGING PROFILES

