



Vani Kumari

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Bachelor of Technology

Electronics And Communication Engineering

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

•National Istiteute of Technology, Patna

Oct 2022-Jun 2026

B.tech

CGPA: 8.72

•B L Indo Angelian Public School

2021

Board of Intermediate Education, Bihar

Percentage: 88.6

•St. Ignatius School

2019

Central Board of secondary education, Bihar

Percentage: 95.6

PERSONAL PROJECTS

•Capsule Endoscopy Image Classification

Developed an advanced image classification system for diagnosing gastrointestinal diseases using capsule endoscopy images.

- Tools & technologies used: Models Implemented: VGG16, ResNet50, Vision Transformer (ViT), DETR; Deep Learning Frameworks: TensorFlow, PyTorch; Libraries: NumPy, Pandas, Matplotlib, Seaborn Dataset: 4000 endoscopic images, 8 classification classes; Development Environment: Google Colab;
- Key features: Applied and fine-tuned VGG16 and ResNet50 models for feature extraction, significantly improving classification accuracy. Integrated Vision Transformer (ViT) and DETR models to leverage transformer architecture for complex visual tasks.

•Real Estate Platform

Developed a real estate platform using MERN stack to facilitate property listings, searches

- Tools technologies used: React, node.js, express.js, MongoDB, Redux, Mongoose, tailwind, JWT, Bootstrap, git github, vscode
- Key Features: user Authentication, property listings, search and filters, property details, admin dashboard, responsive design

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Java, Python, HTML, CSS Javascript

Developer Tools: VS code, MATLAB, Git, Github

Frameworks: React Js, Node Js

Cloud/Databases: MySql

Soft Skills: Team work, Writing Skill, Leadership, Public Speaking, Communication Skill

Coursework: Data Structure and algorithm, OOPs, DBMS

Areas of Interest: Web Development, machine and Deep Learning

POSITIONS OF RESPONSIBILITY

•Web Lead Microwave Theory and Technology Society of IEEE

2024- present

•Content coordinator Espresso- Art and Literary Club

2024-present

ACHIEVEMENTS

• completed 200+ questions on leetcode