



HARENDR A KUMAR

Bachelor of Technology
Computer Science and Engineering
Vignan Foundation For Science Technology and
Research

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE	Vigan Fundation For Science Technology and Reasearch, Guntur	7.5	May 2025
Intermediate	+2 S.L.D.F.High School Jaynagar ,Bihar	78	[March 2020]
Matriculation	S.L.D.F.High School Jaynagar	65	April 2018

PROJECTS

Part A: Web Development Projects

• Digital Complaint & Feedback Portal

Aug 2024 - Oct 2024

Tools: HTML, CSS, JavaScript, MySQL

- Designed and developed a web-based portal for users to register complaints and provide feedback, enabling streamlined communication between users and administrators.
- Implemented secure authentication and role-based access for users and admins to ensure data integrity and accountability.
- Built dynamic dashboards for administrators to track, manage, and resolve complaints efficiently.
- Integrated real-time status updates and email notifications to enhance user transparency and engagement.
- Optimized database queries in MySQL for faster complaint retrieval and improved system performance.

Part B: Machine Learning Projects

• CT Scan-Based COVID-19 Detection

Apr 2025 - Jun 2025

Tools: Python, TensorFlow, Scikit-learn, XGBoost

- Built a deep learning pipeline using ResNet50 and InceptionV3 for CT scan feature extraction.
- Applied SVM and boosting algorithms, achieving higher accuracy through a stack-based ensemble with ANN.
- Improved diagnostic performance with reduced false positives compared to standalone models.

SKILLS

- Programming Languages: [C, Advanced Java, Python, JavaScript, HTML, CSS]
- Technologies: [HTML, CSS, JavaScript, Java Stack, MERN Stack, FastAPI, MongoDB, MySQL, Cloud Computing, Agentic AI, Git, GitHub]
- Tools: [VS Code, Eclipse, MongoDB Compass, Postman, Git, GitHub, Google Cloud, Aws, Docker]

CERTIFICATIONS

- IIT Roorkee, Essential Mathematics for Machine Learning Nov 2024
- Amazon Web Service, AWS Cloud Practitioner Sep 2025

ACHIEVEMENTS

- Solved 300+ problems on LeetCode
- 2 Coder on CodeChef
- Published a research paper on ML model

POSITIONS OF RESPONSIBILITY

- Coordinator, Value Added Course, NITP Jan 2024 - Mar 2024