



HARENDRA KUMAR

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

+91-9060535145
karanaryans2501@email.com
[linkedin.com/in/harendra-kumar-00130732a](https://www.linkedin.com/in/harendra-kumar-00130732a)
github.com/karan25012002

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