

D.O.V.PAVAN KUMAR

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 https://www.codechef.com/users/omkarpawan09

SUMMARY

I'm a **full-stack developer** and **Deep learning** enthusiast with solid experience in Python, SQL, OOP, and web technologies like HTML, CSS, JavaScript, PHP. I enjoy building creative projects, analyzing data, and solving complex problems with practical engineering approaches. Time management and delivering quality work are top priorities for me.

SKILLS

Programming Languages

C | Python | Java | DataStructures and Algorithms | PHP | **Machine Learning:** Experienced in Supervised and Unsupervised learning, utilizing Pandas for data preprocessing and analysis. | **Deep Learning Image Classification using CNNs**

Frameworks

Bootstrap | TensorFlow | PyTorch

Databases

Mysql | Firebase

Tools & Technologies

Excel | Powerpoint | google colab | Git&Github

PROJECTS

Mammogram Breast Cancer Detection

Developing a **deep learning** model for Mammogram breast tumor detection , aiming for accurate classification and presentation in a conference paper.

The **dataset** consists of **13,000 mammogram images** which is a Binary classification, sourced from public datasets such as :

- **DDSM (Digital Database for Screening Mammography)**

Login Store

Developed a secure login store system using PHP, HTML, CSS, Bootstrap, and JavaScript to manage multiple user accounts and securely store passwords for seamless authentication.

Customer Segmentation

- Developed a **customer segmentation model** using **K-Means Clustering**, a **Machine Learning algorithm**, on a dataset of **200 customers with 5 features** (CustomerID, Gender, Age, Annual Income, Spending Score).
- Analyzed and grouped customers based on **Annual Income and Spending Score** to identify distinct customer segments.

EDUCATION

Vignan's Foundation for Science, Technology &Research
B. Tech ,IT 2022 – 2026 CGPA - 8.72/10

2024–present

Sri Chaitanya Junior College
Percentage - 78 %

2020 – 2022

Sri Chaitanya High School
Percentage - 90%

2019 – 2020

CERTIFICATES

PET A2 Business Preliminary,formerly known as Cambridge English	NPTEL Design and implementation of human-computer interface	Acmegrade Machine learning
Hacker rank Java		

ACHIEVEMENTS

Merit Scholarship

Awarded with merit scholarship for best academic performance

LEADERSHIP & EVENT MANAGEMENT

Department magazine

- Coordinated with faculty members, students, and guest writers to ensure **diverse and high-quality content**.
- Managed the magazine's layout and ensured it met **academic and creative standards** before distribution.

Guest lectures and workshops

- Acted as the **primary point of contact** for guest speakers, managing invitations and scheduling.
- Oversaw the **logistics and planning** of the event, including venue setup, speaker introductions, and session moderation.

LANGUAGES

Telugu[Native Proficiency] , English[Professional Working Proficiency] , Hindi [Limited Working Proficiency]

I YEAR - I SEMESTER

S.NO.	SUBJECT CODE	SUBJECT NAME	CR	LG	GP	MONTH & YEAR
1	22EE101	Basics of Electrical & Electronics Engineering	3	A	7.91	JANUARY-2023
2	22EN102	English Proficiency & Communication Skills	1	S	8.6	JANUARY-2023
3	22IT102	IT WORKSHOP & TOOLS	3	S	9.07	JANUARY-2023
4	22PE101	Engineering Graphics	4	S	7.67	JANUARY-2023
5	22NT103	LINEAR ALGEBRA & ORDINARY DIFFERENTIAL EQUATIONS	3	A	8.11	JANUARY-2023
6	22SA101	PHYSICAL FITNESS, SPORTS & GAMES-I*	1	-	-	JANUARY-2023
7	22SA102	ORIENTATION SESSION*	3	-	-	JANUARY-2023
8	22TR101	CONSTITUTION OF INDIA*	1	-	-	JANUARY-2023
9	22TR103	PROGRAMMING IN C	4	S	8.53	JANUARY-2023
		SGPA:8.28				

II YEAR - I SEMESTER

S.NO.	SUBJECT CODE	SUBJECT NAME	CR	LG	GP	MONTH & YEAR
1	22CT201	ENVIRONMENTAL STUDIES	1	S	8.62	NOVEMBER-2023
2	22IT201	DATABASE SYSTEMS	4	O	9.85	NOVEMBER-2023
3	22IT202	DIGITAL LOGIC DESIGN	3	S	8.51	NOVEMBER-2023
4	22TT203	OBJECT ORIENTED PROGRAMMING	4	O	9.63	NOVEMBER-2023
5	22MS201	MANAGEMENT SCIENCE	3	A	8.45	NOVEMBER-2023
6	22SA201	LIFE SKILLS-I*	4	O	9.51	NOVEMBER-2023
7	22PT202	PROBABILITY & STATISTICS	1	-	-	NOVEMBER-2023
8	22TP201	DATA STRUCTURES	4	O	9.62	NOVEMBER-2023
		SGPA:9.03				

II YEAR - II SEMESTER

S.NO.	SUBJECT CODE	SUBJECT NAME	CR	LG	GP	MONTH & YEAR
1	22CE851	DISASTER MANAGEMENT	3	A	7.59	MAY-2024
2	22IT204	DESIGN & ANALYSIS OF ALGORITHMS	4	O	9.51	MAY-2024
3	22IT205	OPERATING SYSTEMS	4	O	9.53	MAY-2024
4	22IT206	PYTHON PROGRAMMING	3	O	9.79	MAY-2024
5	22IT827	OPEN SOURCE WEB TECHNOLOGIES	3	O	9.62	MAY-2024
6	22SA213	PHOTOGRAPHY*	1	-	-	MAY-2024
7	22TD951	FULL-STACK DEVELOPMENT-I (H*)	4	O	9.52	MAY-2024
8	22TP203	ADVANCED CODING COMPETENCY	1	A	7.16	MAY-2024
9	22TP204	PROFESSIONAL COMMUNICATION	1	A	7.97	MAY-2024
		SGPA:9.02				

III YEAR - I SEMESTER

S.NO.	SUBJECT CODE	SUBJECT NAME	CR	LG	GP	MONTH & YEAR
1	22FT852	INDIAN TRADITIONAL FOOD	3	A	7.7	NOVEMBER-2024
2	22IT301	COMPUTER NETWORKS	5	S	9.28	NOVEMBER-2024
3	22IT303	SOFTWARE ENGINEERING	4	O	9.81	NOVEMBER-2024
4	22IT305	INDUSTRY INTERFACE COURSE*	1	-	-	NOVEMBER-2024
5	22IT307	MACHINE LEARNING	4	O	9.93	NOVEMBER-2024
6	22IT832	FORMAL LANGUAGES AND AUTOMATA THEORY	3	S	9.29	NOVEMBER-2024
7	22TD952	FULL-STACK DEVELOPMENT-II (H*)	4	O	9.52	NOVEMBER-2024
8	22TP201	SOFT SKILLS LAB	1	A	8.27	NOVEMBER-2024
		SGPA:9.23				

LG:Letter Grade, CR:Credits, GP:Grade Points

CGPA for regular program (Excluding * Marked, I & R grade courses): 8.72

M*-Minor courses

H*-Honour courses

CGPA including Add-on(Minor,Honour): 8.79

No.of I-Grade courses: 0 (0 credits)

No.of R-Grade courses: 0 (0 credits)

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Report generated on 19-02-2025 at 14:34:18 by 02382

Vadlamudi

19/02/2025

To

Dr. K. Sujatha
Head of the Department
IT Department
VFSTR

Subject: Request for Permission to Apply for SURE Internship at IITH

Respected Madam,

I am **Darisi Omkar Venkata Pavan Kumar** (Reg-no: 221FA07124), a B.Tech 3rd-year IT student with a CGPA of 8.72, ranking 6th in my department. I wish to apply for the SURE Internship at IIT Hyderabad (May 15 – July 14, 2025) to enhance my research skills.

I kindly request your approval and any necessary recommendations.

A	B	C	D	E	F
S.NO.	REGD.	NAME	Year	Section	CGPA
1	221FA07069	POKALA THANUJA NAGA SWATHI	3	A	9.4
2	221FA07057	POTLA NAGASATWIKA	3	A	8.96
3	221FA07031	PONNURU BALA SRI DURGA	3	A	8.93
4	221FA07106	VULLAMGUNTA LOKESH KUMAR	3	B	8.88
5	221FA07105	NADIMPALLI TARUN SAI KUMAR	3	B	8.81
6	221FA07124	DARISI OMKAR VENKATA PAVAN KUMAR	3	B	8.72
7	221FA07118	KANARAPU GANESH KUMAR	3	B	8.65
8	221FA07136	AVULA CHANDRAKANTH	3	B	8.47
9	221FA07134	KOTA CHAITANYA SRI	3	B	8.37
10	221FA07006	THALLURI KIRANMAI	3	A	8.36
11	221FA07110	GADDIPATI BRAHMINI	3	B	8.34
12	221FA07115	MUKKAMALA VENKATA SAI SREE VISHNU PRIYA	3	B	8.3
13	221FA07059	VELAGAPUDI SRI SAI HIMAJA THULASI	3	A	8.28
14	221FA07041	GUDE USHA SRI	3	A	8.21
15	221FA07143	TIRUVAIPATI YAKSHITHA	3	B	8.19
16	221FA07112	DARAPUNENI SYAMALADEVI	3	B	8.19
17	221FA07120	GOLLAPUDI SHILPA	3	B	8.15
18	221FA07140	PATHURI SARIIKA	3	B	8.13
19	221FA07111	ANKAM SIVA LAKSHMI PRIYA	3	B	8.11
20	221FA07036	KODAVALI BINDHU SWETHA	3	A	8.11

Thank you for your time and consideration.

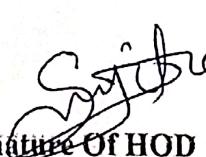
Yours sincerely,

Darisi Omkar Venkata Pavan Kumar

Reg. No: 221FA07124

B.Tech 3rd Year, IT Department

VFSTR


HOD Signature Of HOD
Department of Information Technology
Vignan's Foundation for Science, Technology & Research
(Deemed to be University)
Vadlamudi-522 213. AP, India.