



KAMARAJUGADDA JYOTHI PHANI VAIBHAV

Hyderabad, Telangana

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[Kamarajugadda Jyothi Phani Vaibhav](#)

About Me

I'm a dynamic, proactive leader and learner with exceptional communication and presentation prowess. I'm creativity and analytical acumen drive effective problem-solving, while my ability to cultivate positive relationships fosters a collaborative and productive work environment.

Education

Centre for Development of Advanced Computing, Chennai

Aug 2024 - Feb 2025

Post Graduate Diploma in Big Data Analytics | Percentage: 81.38%

Chennai, India

JNTUH University College of Engineering Sultanpur

Dec 2020 - Jun 2024

Bachelor of Technology, Computer Science and Engineering | CGPA: 6.85

Sangareddy, India

Sri Chaitanya Junior Kalasala

June 2018 - May 2020

Intermediate/12th class | Percentage: 91.9%

Hyderabad, India

Sri Chaitanya High School

June 2017 - May 2018

High School/10th class | CGPA: 8.7

Hyderabad, India

Internships and Experiences

Cyber Security & Cyber Forensics Intern

August 2023 - September 2023

CDAC, Hyderabad and CoEiCS, JNTUH

Student Intern

- Mentored by Mr. P. Radha Krishna Sastry, Module Leader, E-Security Team, CDAC.
- Learnt about Cyber Security, Cyber Forensics and methods of investigation.
- Developed an automated system for analyzing and classifying memory dump files generated during software crashes. A Project named "A Streamlined Analysis of Application Crashes using WinDbg".

Data Analytics Intern

June 2023 - July 2023

IBM SkillsBuild and CSRBOX Academic

Student Intern

- Learnt about Data Types, Preprocessing techniques, Data Analysis and Data Visualization.
- Learnt about Tools of Data Analysis and Data Visualization of IBM Watson.

Projects

Multi Class Classification on Retinal Eye Diseases using Swin Transformer | Python, PyTorch, Google Colab | 2024

- Under the guidance of Ms. Irene, CDAC, Chennai. I have created a Deep Learning Model using Swin Transformer on ODIR-5K Dataset.
- The model has achieved better results like Accuracy, Sensitivity and Specificity compared to previous model in Multi Class Classification. In Multi-Label Classification, it has achieved 99% accuracy across 8 labels.

VEDA : Voice Enabled Digital Assistance | Python, AI, Flask, ReactJS, APIs | 2024

- Under the guidance of Dr. G. Narasimha, Prof. of CSE and Principal of JNTUH-UCES; Collaborated with my academic project teammates to create a Digital Assistant which can help the students, faculties, guests to know about our campus, navigate and do lot more stuff.
- The application enables the users to know about our campus, help them with class schedules, attendance, navigate between classes and building in our campus

EffiCheck! | Python, EasyOCR, Django, MySQL, HTML, CSS | 2023-2024

- Under the guidance of Dr. G. Narasimha, Prof. of CSE and Principal of JNTUH-UCES; Teamed up with four of my classmates to create a system which uses Computer Vision to analyse the ID Cards of the students and faculties for In & Out Timings.

- The system dynamically scrapes the data from the ID provided by the user and gives out Name, Year, In & Out timings for the user to make a record and inform on late-comers. Achieved accuracy of my system was 85%.

A Streamlined Analysis of Application Crashes using WinDbg | *Python, WinDbg, OS* | 2023

- Under the mentorship of Mr. P. Radha Krishna Sastry, Module Leader, E-Security Team, CDAC.
- Developed an automated system for analyzing and classifying memory dump files generated during software crashes. Memory dump files provide valuable insights into the causes of software crashes and can aid in debugging and resolving critical issues. Achieved accuracy of my system was 100%.

Tax Invoice Generator | *JavaScript, HTML, CSS, AWS* | 2021-2022

- Created a fully operational Tax Invoice Generator using JavaScript.
- Drafted a good interface for the user to add & remove Items, edit Taxes and get Totals in number and words with ease using front-end technologies : HTML and CSS.
- Deployed in AWS Amplify using GitHub.

Technical Skills

Programming Languages: Python, Java, C

Big Data: Apache Hadoop, Apache Hive, Apache Spark

Data Visualization Tools: MS Excel, Tableau

Databases: MySQL, MongoDB, Cassandra

Operating Systems: Microsoft - Windows, Linux - Ubuntu

Cloud: AWS, Azure

Package: MS Office Package

Developer Tools: VS Code, Jupyter Notebook, Google Colaboratory, Git/GitHub

Web Development: HTML, CSS, JavaScript

Certifications

- AI/ML for Geodata Analysis | *ISRO*
- Networking using AWS | *AWS*
- Databases using AWS | *AWS*
- Artificial Intelligence Fundamentals | *IBM SkillsBuild*
- Pragmatic Approach to Cyber Security | *CDAC, FutureSkills PRIME*
- Introduction to Cloud 101 | *AWS*
- Compute using AWS | *AWS*
- Storage using AWS | *AWS*
- Cybersecurity Job Simulation | *JPMorgan Chase & Co. | Forage*
- Data Fundamentals | *IBM SkillsBuild*

CO-CURRICULAR ACTIVITIES

- Got 1852 rank in C-CAT August 2024 conducted by ACTS C-DAC.
- Conducted Android Development Workshop in JNTUH - University College of Engineering Sulthanpur.
- Participated in 10-day Online Workshop on Cyber Security and Cyber Forensics conducted by C-DAC and CoEiCS, JNTUH.
- Participated in 2-day National Workshops on Python, Web Development and Cyber Security.
- Successfully completed 5-day course on Android Robotics conducted by Birla Science Centre and Silikon Innovations.
- Participated in Aero Modelling work shop conducted by Aviators.
- Completed IT Wizard Programming and Productivity Curriculum Level 3 of Group 2 by NIIT organized at Sri Chaitanya Techno School.

EXTRA-CURRICULAR ACTIVITIES

- Student Coordinator of Technical Club in JNTUH – University College of Engineering Sulthanpur from 2021-2023
- Student Coordinator of Technical Fest conducted in May 2023 at JNTUH – University College of Engineering Sulthanpur.
- An active member in NSS in University.
- An active member of School and University Sports and Cultural activities.
- Participated in Kho-Kho, Cricket, Chess, Badminton and Table Tennis Competitions.

ADDITIONAL INFORMATION

Languages Known: English, Telugu, Hindi

Relocation: Yes

Relocation Preferences: Hyderabad, Bengaluru, Chennai, Mumbai, New Delhi, Others

Race: South-Asian

Nationality: Indian

Gender: Male/Cismale