

Chinnam Lakshmi Narasimha Kumar

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Summary

Aspiring Developer with a solid foundation in Python programming and software development. Proficient in python programing, RESTful Web Services, and web technologies. Experienced in developing full-stack applications and enhancing performance. Eager to contribute to innovative projects and collaborate with a dynamic team.

Education

QUALIFICATION	SCHOOL/ INSTITUTE	BOARD/ UNIVERSITY	Graduation	PERCENTAGE
BTech- CSE	Siddartha Educational Academy Group of Institutions - Tirupati	JNTU Anantapur	2025	79
Intermediate – MPC	Viswasai junior college - Tirupati	BIEAP	2021	69
Class X	Sri Chaitanya Children's Academy - Tirupati	SSC	2019	9.8 CGPA

Skills

Programming Languages:

- Basics of C
- Python and
- Web Technology languages

Data Base: SQL, My SQL

Web Technologies:

- HTML, CSS, JavaScript, Bootstrap

Tools: Pycharm, VS Codes, IDLE

Soft Skills:

- Strong problem-solving abilities
- Team collaboration and leadership
- Time management
- Effective communication and debugging.

Internships

Python Programming – Vault of Codes (Dec 2023- Feb 2024)

- Worked on developing and deploying basic applications using pythons, learned about the libraries in python, learned about the python database connectivity

Cyber Security – Acmegrade (Mar 2023- May 2023)

- Worked on the vulnerabilities of open websites, tracking the loops of sites and penetrating, avoiding and securing from the attacks and learned about the Firewalls

Data Science – SkillDzire (May 2024 – July 2024)

- Gained some knowledge on basics of Data Science for my Academics

Artificial Intelligence (Jan 2025 to till date)

- Doing a Long-term Internship to gain the knowledge for my Academics

Projects

Project 1:

Title : **Acute Lymphoblastic Leukemia Classification based on CNN**
Team Size : 5
Duration : Jan 2025 to till date

Description:

- ALL is a type of blood cancer that effects white blood cells, primarily affecting children, early diagnosis is crucial for successful treatment.
- Convolutional Neural Networks (CNNs), a type of deep learning model, have shown great promise in automating and improving the accuracy of ALL classification.
- The proposed QCResNet model for classifying acute lymphoblastic leukemia (ALL) from peripheral blood smear images achieved a high accuracy of 98.9%, outperforming state-of-the-art methods, and demonstrating its potential for accurate and rapid diagnosis of ALL.
- QCResNet works on basis of
 - Image Input and Preprocessing
 - Convolutional layers
- Convolutional layers are a key component of Convolutional Neural Networks (CNNs) used for processing grid-like data, such as images. These layers apply filters (or kernels) to input data in order to detect features like edges, textures, or patterns.

Project 2:

Title : **Personal Assistant using the OpenAI**
Technologies : Frontend Technologies (HTML, CSS, JS, Bootstrap), Python for Backend, voice Recognition, speech to text converter in python
Duration : Jan 2025 to till date

Development of an Personal Assistant using Python and Open Ai

- Developed a **Personal Assistant** to manage system operations via commands.
- **Python** used for backend development, including voice recognition and speech-to-text conversion.
- **HTML, CSS, and JavaScript** used for the visual frontend.
- Integrated **OpenAI** for accessing information and performing activities.
- Used the **Eel** module to connect the Python backend with the frontend.
- Used Face authentication module.

Netflix clone using Frontend

- Developed a clone of Netflix using Frontend HTML and CSS.

Certifications

- Python programming Internship Certificate– Vault of Codes (Feb 2024)
- Python programming learned certificate – Data flair (Feb 2024)
- Cyber Security Internship Certificate – Acmegrade (May 2023)
- Data Science Short-term Internship Certificate – SkillDZire (July 2024)
- NPTEL : Cloud Computing
- NPTEL : Internet of Things

Achievements

- I Created my own personal Assistance Application using the Python and Openai
- Secured a prize for an insightful poster presentation on Cyber Security at Vistas 2023.
- Awarded First place for an insightful poster presentation on Nano Technology at Sankalpa 2022.

✓ I hereby state that all information noted above is accurate to the best of knowledge.

Chinnam Lakshmi Narasimha Kumar