

KARTHIK LOLLA

SRIKAKULAM, ANDHRA PRADESH

☎ +91-7093873562 ✉ KARTHIKLOLLA988@GMAIL.COM  [LINKEDIN](#)  [GITHUB](#) [GFG](#)  [LEETCODE](#)

SUMMARY

- Aiming to start my career with an organization where my skill set can be utilized for the growth of the organization.

EDUCATION

- **Bachelor of Technology in Electrical and Electronics Engineering** May 2024
— Aditya College of Engineering, Surampalem, Andhra Pradesh GPA: 7.5
- **Diploma in Electrical and Electronics Engineering** June 2021
— Avanthi St.theresa Institute of Engineering and Technology, Garividi, Andhra Pradesh Percentage: 77

PROJECTS

• Customized Chat Bot

Customized chatbot implementation led to 100 percent user engagement and satisfaction.

1. Created a user-Centric **Chatbot** through the utilization of Deep Learning, Natural Language Processing, and the Flask framework, resulting in a 40 percent reduction in Customer Support response time and a 20 percent increase in customer satisfaction.
2. Fabricated with a NLP's for seamless responses to the queries related to the database with 100 percent accuracy.
3. Initiated and executed the migration of the application onto Azure cloud infrastructure, enabling global accessibility and driving a 40 percent boost in user satisfaction and retention rates worldwide.
4. Generate the automatic responses to the user queries in less than 5 seconds.
5. **Technologies Utilized:** Python, Deep Learning, Flask, HTML and CSS, JavaScript, Azure Cloud.

• Drum-Kit

Designed an intuitive interface featuring visually engaging drum elements.

1. An interactive drum kit application that allows users to play drum sounds by either clicking on on-screen buttons or pressing corresponding keyboard keys.
2. Utilized JavaScript to map keyboard events to corresponding drum sounds.
3. Technologies utilized: HTML, CSS, JavaScript.

• Simon-Game

Crafted a visually appealing interface with interactive buttons.

1. Tools and Technologies Utilized: HTML, CSS, JavaScript.
2. Developed game logic using JavaScript to monitor user input and generate random sequences.
3. Integrated sound effects to enhance the user experience.

EXPERIENCE

Competitive Coding and AWS-Cloud Intern || TECHNICAL HUB Aug 2022 - Mar 2023

- Provided AWS architecture guidance and troubleshooting support through hands-on workshops and mentorship.
- Acquired practical experience with cloud services, including IaaS, PaaS, and SaaS.
- Improved operational efficiency through automation by leading projects that eliminated manual tasks.
- Addressed queries and provided guidance in C++, Data Structures, and Algorithms, fostering a supportive learning environment.
- Assisted students in debugging code and provided effective problem-solving strategies, earning recognition for dedication and the ability to simplify complex concepts during mentoring sessions.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, Python, Java.

Web Development : HTML, CSS, JavaScript, Ejs, NodeJs, ReactJs, Bootstrap, ExpressJs, MongoDB.

AWS Cloud/Redhat/Cisco Devnet: Amazon Web Services(AWS), Docker, Git, Linux, GitHub.

Relevant Coursework: Data Structures and Algorithms, Networking, Operating system.

Areas of Interest: Web Development, AWS Cloud.

ACHIEVEMENTS

- Earned **5 star badges** for Problem Solving, C++, Python and Java in **HackerRank**.
- Solved **400+ problems** in **GeeksforGeeks**.
- Solved **120+ problems** in **LeetCode**.
- A remarkable achievement in the **OwlCoder program**, by securing a position in the **top 30** out of 294 Trainees.

CERTIFICATIONS

- **AWS  Cloud Practitioner**
- Certified in Python by **HackerRank ** and **Certiport**