Venkata Laxmi Sai Krishna Kommireddy

+91 9390117795 | kvlsaikrishna@gmail.com | saikrishna7795.vercel.app | github.com/Techy7795 | linkedin.com/in/saikrishna231303

Result-driven graduation(May 25) in Computers and Data Science.

EDUCATION

SRKR Engineering College, B.Tech in Computer Science and Engineering | Bhimavaram — GPA: 9.3 — May 2025

Indian Institute of Technology Madras, BSc in Data Science and Applications | Remote — GPA: 7.1 — August 2026

EXPERIENCE

Blackbucks, AWS Intern | Remote (Bhimavaram) — July 2023 - August 2023

- Designed and implemented an AWS Cloud Architecture for seamless data transfer between web and data servers with enhanced security measures.
- Improved data transfer efficiency by **40%** through the integration of AWS services, resulting in reduced latency and improved scalability.
- Demonstrated proficiency in AWS services by effectively leveraging cloud resources, resulting in a **55%** reduction in operational costs while maintaining scalability and flexibility.

SKILLS

Languages	Python, R, SQL, C/C++, Java, Javascript
Frameworks	HTML, CSS, Flask, PHP, NumPy, Pandas, MatplotLib, PyTorch, TensorFlow
Visualization Tools	Tableau, Microsoft Excel
Cloud Services	AWS, Azure

PROJECTS

Baby Cry Detection – Deep Learning | GitHub — April 2024

- Implemented real-time monitoring capabilities to detect baby cries within seconds, providing timely alerts to caregivers and ensuring prompt attention to infant needs.
- Tested the system extensively with a variety of baby cry sounds, achieving a low false positive rate of less than **5%** and a high true positive rate of over **90%**, ensuring accurate detection while minimizing unnecessary alerts.

Driver Drowsiness Detection – *Machine Learning* | GitHub — April 2024

- Crafted and trained a machine learning model for driver drowsiness detection with an accuracy of **95%**, utilizing computer vision techniques to analyze over images of drivers in real-time.
- Added an alert feature that reduces reaction time to drowsiness events by **40%**, potentially preventing numerous accidents and ensuring safer roads.

Face Detection – Deep Learning | GitHub — March 2024

- Developed a user-friendly face detection system capable of identifying unfamiliar faces with **92%** accuracy, providing security
- Ensured the system's reliability through thorough testing, resulting in minimal false alarms and high accuracy rates, providing peace of mind to users while effectively identifying unfamiliar faces.

Grocery Store Management– *Web Development* | GitHub — February 2024

- Successfully developed a grocery store management system, managing a catalog of over **500** products and facilitating the processing of more than 1000 orders.
- Incorporated inventory tracking functionalities to monitor stock levels for over 500 distinct products in real-time.

Data flow from Web to Data Servers – *AWS* | GitHub — June 2023

- Utilized AWS services including EC2, S3, VPC, IAM, and Lambda to establish a highly secure and flexible data infrastructure capable of accommodating large user volumes.
- Reduced data recovery time by **35%** through the implementation of automated Lambda functions, enhancing disaster recovery capabilities and minimizing business downtime.

ACHIEVEMENTS

- Earned online certifications from Microsoft Learn validating expertise in implementing Azure Artificial Intelligence solutions, encompassing **Computer Vision**, **NLP**, and **Document Intelligence**.
- Actively participated in numerous workshops, gaining valuable hands-on experience and practical insights into real-world applications of **Data Science**.
- Advanced to the final round of the National Level Hackathon, **Prajwalan 2023**, with a project focused on developing a Smart Dustbin.