LOKESH KALAMALLA

📞 +91 9182698282   ✉ lokeshk6300@gmail.com   in linkedin.com   github.com   💼 Portfolio

Education

Indian Institute Of Information Technology,Sricity, Andhra Pradesh   **2024**
BTech, Computer Science and Engineering   *CGPA-7.0*

TSWREIS,Bhiknoor,Telangana   **2020**
Intermediate   *89.6*

Technical Skills

Key Skills:DSA, NLP,Artificial Intelligence,DBMS,
Languages: Python, Java, HTML/CSS, JavaScript, MYSQL
Developer Tools: VS Code, Eclipse, Google Colab, Jira, Agile, Scrum
Technologies/Frameworks: Linux, GitHub,Reactjs,redux,Nodejs,Rest API,MongoDB
Data Analysis Tools: Pandas, Numpy, Scikit learn, Matplotlib,PowerBI, MS Excel

Relevant Coursework

- DSA
- HPC
- DBMS
- NLP
- Artificial Intelligence
- Web Development
- Systems Programming
- ICS

Projects

STARTCOM | *ReactJS, Redux, Rest API, MongoDB, ExpressJS, SocketIO, NodeJS, Azure*   github.com
- Designed and developed StartCom, a social networking platform with interactive features and real-time messaging.
- Enhanced user experience through an intuitive UI and robust backend architecture.
- Boosted user engagement by 70% and improved user retention by 65%, leading to a scalable and efficient platform.

SENTIMENT ANALYSIS | *Python, Google Colab, NLP*   github.com
- Developed a sentiment analysis system using NLP and deep learning on Google Colab.
- Achieved 90%training accuracy, optimizing model performance for real-world social media data.
- Enhanced sentiment classification accuracy, demonstrating expertise in advanced NLP techniques.

CUSTOMER SEGMENTATION USING K-MEANS | *Python, ML, Pandas, Matplolib, scikit learn* github.com
- Performed customer segmentation using K-Means clustering on behavioral and demographic data.
- Identified key customer groups, enabling data-driven marketing strategies.
- Improved customer retention and engagement by allowing businesses to target audiences more effectively.

Counting and Tracking Mango Fruits in Video | *Python, YOLOv5, PyTorch*
- Developed a system to count and track mangoes in 360-degree tree videos using YOLOv5 object detection
- Processed video frames at 30fps and implemented centroid-based tracking to avoid duplicate counts
- Achieved mAP of 0.73 at 200epochs and precision of 0.77 with IoU metrics.

Courses

Aspire Leadership Program (ALP)   **Jan-April(2024)**

- ALP is an online program, where students and professionals across globe who choose to become a future leader take part.

Leadership / Extracurricular

President —TSWREIS,Bhiknoor,Telangana,India   **2020**

- Organised all the cultural events, from delegating work to attending last minute preparations.
- Managed executive board of 5 members and ran weekly meetings to oversee progress in essential parts of the chapter.
- Led chapter of 30+ members to work towards goals that improve and promote community service, academics, and unity.

IOTA Club member — IIIT Sricity, Andhrapradesh,India

'A' Certificate — National Cadet Corps

Volunteer — National Service Scheme (NSS).