

DOLA LOKESH SAI

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Profile

Computer Science Undergraduate with hands-on experience in Python, Java, Streamlit, and machine learning. Skilled in developing full-stack web apps, working in Agile teams, and applying AI to solve real-world problems. Eager to contribute to roles in software development, data science, or AI research.

Professional Experience

Bengaluru, India

Artificial Intelligence Researcher

Zetpeak

Research and Development: Voice Based Control Device

- Drafted detailed architectural documentation and API specifications to support seamless integration and development.
- Built a voice-controlled prototype using Python and Speech Recognition for hands-free device interaction.
- Collaborated with R&D and software teams to integrate voice features into smart environments.

Projects

Stock Sage Navigator: Guiding Investors Through Market Complexities

- Developed a web app using Streamlit, Python, and scikit-learn for real-time stock analysis and prediction.
- Integrated live stock data APIs and built predictive ML models to support investor decision-making.
- Visualized trends and model outputs using Matplotlib and Seaborn, enhancing user insights.

Audio Assist: Enabling Object Detection Through Speech For Visually Impaired

- Built an assistive tool using YOLOv3 for real-time object detection and speech synthesis for visually impaired users.
- Used Python, OpenCV, and gTTS to convert object recognition into audible feedback.
- Improved accessibility and navigation through hands-free interaction.

Hotel Management System

- Developed a Java-based application to manage hotel operations like room booking and food ordering.
- Implemented features for task automation, performance tracking, and resource allocation.
- Improved operational efficiency by streamlining hotel workflow management.

Electro Hub

- Built an interactive sales analytics dashboard in Power BI using Excel-based sales data.
- Enabled time-based comparisons (daily, monthly, quarterly, yearly) with dynamic visuals and DAX measures.
- Designed intuitive report layout with slicers, KPIs, and visuals for effective business insights.

Skills

Languages: Java, Python

Database: MS SQL, MYSQL

Tools: Power BI, Tableau

Concepts: Machine Learning, Data Analysis.

Education

2021 – 2025

Bachelor of Technology

Kalasalingam Academy of Research and Education

CGPA : 7.91/10

2019 – 2021

Higher Secondary Education

Sri Gayatri Jr. College

Percentage : 91%

2018 – 2019

Secondary School Education

St. Mary's High School

CGPA : 9.0/10

Certifications & Achievements

Certifications

- Completed Deloitte Data Analytics Virtual Job Simulation on Forage , gaining hands-on experience in data analysis.
- Earned Udemy certification in **Complete Data Analyst Bootcamp**, gaining in-depth knowledge of data analytics from foundational to advanced levels over 83 hours of training.

IEEE PAPER PUBLICATIONS

- Stock Sage Navigator: Guiding Investors Through Market Complexities.
- Audio Assist: Enabling Object Detection Through Speech For Visually Impaired.
- Deep Learning Aided Emotion Recognition From Music.