KOVVURI LAKSHMI THRAILOKYA

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[@github](#)   [linkedin](#)   [Leetcode](#)

I love designing and building software as a software developer. I'm skilled in Java, HTML, and Data Structures and Algorithms (DSA). People know me as reliable and focused on my career, with strong problem-solving, communication, and time management skills. I enjoy working with others and am always eager to learn new technologies to improve my abilities. My goal is to contribute to a great team and grow professionally in software development.

SKILLS

- **Programming Skills:** JAVA,DSA, SQL, PYTHON
- **Web Development Skills:** HTML, CSS, React JS
- **Languages:** English (Proficient), Telugu (Native)

EDUCATION

- B TECH CSE AI ML | Vellore Institute of Technology, AP   CGPA**:** 8.64 | 2021 - 2025
- XII, Intermediate | Aditya Junior College, Kakinada   *94.9 % | 2021*
- X, 10th |Gamyam E-medium School *10 | 2019*

ACADEMIC PROJECTS

- ❖ **HandWritten Digit Classification**
    - Developed and trained a Convolutional Neural Network (CNN) using TensorFlow, achieving 95% accuracy on unseen data, enhancing image classification capabilities.
    - Improved the reliability of automated data entry by significantly reducing error rates and enabling the conversion of handwritten documents into searchable digital text.
    - Achieved a 40% reduction in manual data entry time, resulting in increased operational efficiency and substantial cost savings for the organization.

- ❖ **Real Estate Website**

    - Designed a dynamic and responsive user interface with React.js, incorporating components for property listings, user authentication, and property management.
    - Utilized Express.js and Node.js for backend development, creating RESTful APIs to handle property data, user information, and

authentication securely.
- Integrated MongoDB for efficient data storage and retrieval, enabling features like property search, filtering, and user account management..
- Implemented CRUD operations for managing properties, allowing users to add, update, view, and delete property listings through an intuitive user interface.

❖ **Wine Quality Prediction**
- Developed a predictive model in Keras using a Kaggle dataset with attributes such as acidity, residual sugar, pH, and alcohol content, trained on over 10,000 wine samples
- Achieved a prediction accuracy of 90%, enabling precise quality forecasts for local winemakers and enhancing their ability to maintain high product standards.
- Provided a data-driven tool that supports winemakers in making informed production decisions, ensuring consistency and quality in their wine offerings.

VOLUNTEER EXPERIENCE

DO IT YOURSELF CLUB (Aug 2022 - Dec 2022)
CSI Career Support Member (Aug 2021 - Dec 2022)

CERTIFICATIONS

MERN FULL STACK, ETHNUS, 2023
AWS CLOUD PRACTITIONER, AWS, 2023
GENERATIVE AI CERTIFIED PROFESSIONAL CERTIFICATION, Oracle, 2024