

LAKSHMI DURGA TIRUMANI

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PROFILE

Aspiring full-stack web developer with a strong foundation in the MERN stack (MongoDB, Express.js, React.js, Node.js). Proficient in HTML, CSS, and JavaScript, with a passion for building responsive, user-friendly applications. Quick learner, team player, and dedicated to continuous skill development and staying current with industry trends.

EDUCATION

Gayatri Women's Engineering College

B.tech Computer Science

08/2022 - 08/2026

CGPA=8.33/10

Intermediate

Bhaskara junior college

08/2020 - 08/2022

CGPA=8.98/10

High School

viveka english medium high school

08/2010 - 08/2020

CGPA=8.44/10

WORK EXPERIENCE

EXCELR: Cyber

Workplace/Company

05/2024 - 08/2024

Achievements/Tasks

- Gained foundational knowledge in cybersecurity tools, techniques, and threat analysis.

CodSoft: Data Science Using Python

Workplace/Company

04/2024 - 06/2024

Achievements/Tasks

- Extracted actionable insights from data and developed data-driven strategies using Python.

Bharat Intern: Machine Learning

Workplace/Company

05/2024 - 06/2024

Achievements/Tasks

- Developed and trained machine learning models to solve real-world problems using Python and popular ML libraries like scikit-learn and TensorFlow.

Techno Hack: Web Development

Workplace/Company

05/2024 - 06/2024

Achievements/Tasks

- Built responsive web pages including portfolio and login authentication using HTML, CSS, and JavaScript.

SKILLS

Programming Languages: Python, java, C, C++.

Web Technologies: Html, Css, JavaScript, ReactJS, Nodejs, Express

Databases: SQL, MongoDB

Tools & IDEs: Visual Studio Code

Operating Systems: Windows, Linux

PERSONAL PROJECTS

"COVID-19 Tracker Web App"

- Developed a real-time COVID tracker using React.js with country-wise stats and interactive visualizations. Includes dynamic graphs, maps, and dropdown filters for user-friendly access. Data is fetched live using the disease.sh API with responsive UI support.

"MeeSeva Web Portal with Admin Panel"

- Built a full-stack MeeSeva portal using MERN stack with secure login and dynamic service application forms. Users apply for certificates, make payments, and track status updates in real-time. Admins manage all applications, mark progress, and notify users of completion.

"Multilingual Chatbot with Voice & Text"

- Developed a chatbot supporting multilingual text and voice interactions using MERN stack with users. Language selection enables personalized conversations in native languages. Used OpenAI for smart responses and Google APIs for translation & speech.

"Amazon Clone with Visual Search & Color Matching"

- Developed a full-featured Amazon Clone using MERN stack with product browsing, cart, and secure checkout. Implemented a photo upload feature that finds products matching the dominant colors in the image. Utilized image processing and color detection to enhance search accuracy and user experience.

CERTIFICATES

PYTHON

MERN

MACHINE LEARNING

DATA SCIENCE

WEB DEVELOPMENT

LANGUAGES

English

Full Professional Proficiency

Telugu

Full Professional Proficiency

Hindi

Professional Working Proficiency