LAKSHMIPRIYA RAMESH

Chennai, India +91 93447 49849

✉ priya42003@gmail.com | 🔗 lakshmipriya-r | ⌨ Lakshmipriya0404 | @ lakshmipriya-portfolio

Result driven Computer Science student who is immensely motivated to advance her talents and learn something new every day. Excellent problem-solving skills and ability to perform well in a team.

Education

SRI VENKATESWARA COLLEGE OF ENGINEERING	NOV 2020 - MAY 2024
B.E COMPUTER SCIENCE ENGINEERING	**CGPA: 9.1**

VELAMMAL VIDHYASHRAM	JUN 2019 - MAR 2020
HSC	**PERCENTAGE: 94.4**

Experience

WASTA   **FEB 2024 - APR 2024**
SOFTWARE DEVELOPER
- Developed and deployed a smart bin app for monitoring bin status, with a React Native mobile app for real-time data and notifications.
- Built the backend with Express.js, MongoDB Cloud, and Google Firebase, implementing JWT for secure access and managing deployment for system reliability.

KRIYADOCS   **FEB 2023 - JUL 2023**
SOFTWARE ENGINEER
- Collaborated on Python and ML projects utilizing OpenAI API to match author matching. Developed backend with Python Flask and PostgreSQL, ensuring efficient data management.
- Implemented new features in adherence to coding standards, while actively participating in code reviews to offer optimization suggestions.

Projects

Reader's Junction
- Developed a full-stack web application for managing book collections and connecting with users.
- Features include user registration, secure email validation, book management, borrowing with availability checks, and return approvals

Learning: Angular, Spring Boot, Spring Security, Postgres, Docker

Playlist Porter
- Developed an application which enables user to seamlessly convert their Spotify playlists to YouTube playlists securely using OAuth 2.0 authentication.
- React.js components handle the user interface with Fetch API managing asynchronous requests to the backend. Flask coordinates interactions with Spotify and YouTube APIs, fetching playlist data, searching and inserting tracks into new playlists.

Learning: React, Material-UI, Flask, Google APIs, Spotify API

React-Data-Sync
- Developed npm package that enables efficient data synchronization between React, enhancing fetching, caching, and state management.
- TypeScript ensures robust type safety, readability, and maintainability, with thorough documentation and unit tests for seamless integration and reliability.

Learning: React, TypeScript, NPM

ACHIEVEMENTS

- First place in E-mind Hackathon conducted by StepSetGo on Fake Step Detection System
- Finalist in 2023 Smart India Hackathon conducted by Government of India, AICTE
- Presented a paper titled "A Smart Fuzzy Metaheuristic Energy Optimization Framework for Heterogeneous Wireless Sensor Networks" at the 4th International Conference on Artificial Intelligence and Smart Energy, held on March 22-23, 2024, in Coimbatore, India.

SKILLS

PROGRAMMING LANGUAGE| Java • Python • JavaScript • TypeScript

WEB DEVELOPMENT| HTML • CSS • Bootstrap

FRAMEWORKS| NodeJs • Express • React • Angular • Flask • Spring Boot

SOFTWARE CONCEPTS| OOPS • Data Structures and Algorithms

DATABASES| MySQL • Postgres