

LAKSHMIPRIYA RAMESH

✉ priya42003@gmail.com | ☎ +91 9344749849 | 📁 Portfolio | 🌐 LinkedIn | 🐙 GitHub | </> Leetcode

EDUCATION

Sri Venkateswara College of Engineering

Bachelor of Engineering in Computer Science

CGPA: 9.1

Nov. 2020 – May 2024

Velammal Vidhyashram

Higher Secondary

Percentage: 94.4

Jun. 2019 – Mar 2020

EXPERIENCE

Associate Consultant

Intellect Design Arena

Aug 2024 – Present

- Engineered interactive web pages for the OTP Bank project by harnessing **Angular** and **Spring Boot** technologies.
- Collaborated with cross-functional teams to ensure timely delivery of solutions while aligning with project goals.

Software Developer Intern

Garuda

Feb. 2024 – Apr 2024

- Developed a **React Native** app to monitor smart bins with real-time data and notifications.
- Implemented secure access using JWT and managed deployment for backend using **Express.js**, **MongoDB Cloud**, and **Firebase**.

Software Engineer Intern

Kriyadocs

Feb 2023 – July 2023

- Worked on Python and ML projects, utilizing **OpenAI API** for author matching and enhancing backend performance using **Python Flask** and **PostgreSQL**.
- Integrated new features, ensuring adherence to best coding practices and optimizing system performance.

PROJECTS

Reader's Junction | Angular, Spring Boot, Spring Security, Postgres, Docker

- Developed a web app to manage book collections with secure user registration, email validation, and book management.
- Implemented borrowing functionality with availability checks and admin-controlled return approvals.

Playlist Porter | React, Material-UI, Flask, Google APIs, Spotify API

- Built an app to transfer playlists from **Spotify** to **YouTube** using **OAuth 2.0** authentication.
- Integrated APIs for fetching and inserting playlist data, with frontend in **React** and backend in **Flask**.

React-Data-Sync | React, TypeScript, NPM

- Developed an NPM package for efficient data synchronization in React apps, enhancing fetching, caching, and state management.
- Ensured reliability with TypeScript-based type safety and comprehensive unit tests.

ACHIEVEMENTS

- Winner of the **E-mind Hackathon** for developing a Fake Step Detection System (2022).
- Finalist in the 2023 **Smart India Hackathon** conducted by the Government of India and AICTE.
- Presented a paper on "A Smart Fuzzy Metaheuristic Energy Optimization Framework for Wireless Sensor Networks" at the 4th International Conference on AI and Smart Energy, March 2024, Coimbatore, India.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript

Frameworks: React, Angular, Flask, Node.js, Spring Boot

Developer Tools: Git, Docker, VS Code, IntelliJ, Eclipse

Databases: MySQL, PostgreSQL

Software Concepts: OOPS, Data Structures, Algorithms