

Sathya Sivam L

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EDUCATION

RAJALAKSHMI INSTITUTE OF TECHNOLOGY

BACHELOR OF ENGINEERING -
ELECTRONICS AND COMMUNICATION
CGPA - 8.09
2021-2025 | Chennai, India

LINKS

GitHub: <https://github.com/sathya-sivamloganathan>
LeetCode: <https://leetcode.com/sathya-sivamloganathan/>

COURSEWORK

React js - LinkedIn Learning
FrontEnd Development - Udemy
OpenCv - LinkedIn Learning
Python - Infosys
Network Essentials - Cisco
Digital System Design - NPTEL
System Design Through Verilog - NPTEL

SKILLS

PROGRAMMING

- Java
- Javascript
- Node.js

TOOLS

- Git • Windows

FRAMEWORK AND LIBRARIES

- React Js
- React Native
- Express Js
- Flask
- Tailwind Css

TECHNOLOGIES

- HTML • CSS

DATABASE

- MongoDB

PROJECTS

FITNESS APP - REACT NATIVE

Github

- Developed a data management system to track food consumption, calculate total calories, fat, and protein intake, and visualize the data using progress indicators.
- Designed interactive features allowing users to navigate between dates and view their food consumption history.
- Leveraged the Edamam API to process images captured by the camera, extracting detailed nutritional information such as calorie counts, macronutrient composition, and serving sizes.

INTELLIGENT RADIOLOGIST ASSISTANT(KNEE MRI) - REACT.JS | FLASK | TAILWIND CSS | MONGODB

01/2024 - 02/2024 | Github | Demo

- Played a key role in the development of a web application utilizing React.js and Flask backend with MongoDB integration, specifically designed to aid radiologists in analyzing knee MRI scans.
- Implemented secure login functionality for radiologists and users, and orchestrated automated report generation and delivery, resulting in a remarkable 75% reduction in analysis time.

E-COMMERCE WEB APP - REACT.JS | NODE.JS | EXPRESS JS | MONGODB

10/2023 | Github

- Led the conceptualization and execution of an intuitive admin panel, empowering administrators to streamline product management processes.
- Employed React.js, Express.js, and MongoDB to architect robust database management solutions and crafted dynamic user interfaces, resulting in a seamless browsing experience that amplified user engagement.

ACHIEVEMENTS

L&T TECHGIUM 7TH EDITION SEMI-FINALIST 09/2023 - 02/2024

Certificate

- Recognized as a semifinalist in the prestigious L&T Techgium competition.
- Delivered a compelling demo presentation of the project, showcasing the application's capabilities and impact on radiological workflows.

ADVANCED COMPUTING AND COMMUNICATIONS SOCIETY - FINALISTS (ACCS) 03/2023

Certificate

- Achieved top 10 finalist position, outperforming competitors from prestigious colleges nationwide.
- Cleared 2 rounds, advanced to the final round, and presented project to a panel of judges at IIIT Bangalore.