

SUGAPRIYA KUMAR

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EDUCATION

SYED AMMAL ENGINEERING COLLEGE

BE IN COMPUTER SCIENCE
2021 - 2025 | CGPA:8.2/10

LIONS MATRIC HR SEC SCHOOL

BIO-MATHS
Grad.May 2021 | Cum Per: 85.63

LINKS

Github://sugapriya-k
LinkedIn://sugapriya-k
Leetcode://sugapriya-k

SKILLS

PROGRAMMING :

Java, Python, C, Javascript
HTML, CSS, SQL

FRAMEWORKS/LIBRARIES :

React, Spring Boot, Node.js,
Bootstrap, Pandas, REST APIs

TOOLS & PLATFORMS :

Firebase, Postman, Eclipse, IntelliJ

COURSEWORK

Data Structures and Algorithms

Full-Stack Development (Node.js,
Express.js, MongoDB)

Web Development

Database Management Systems

Version Control Systems: Git/GitHub

API Design and Development

Object-Oriented Programming (OOP)

EXPERIENCE

TECH VEDHU | WEB DEVELOPER INTERN

07/2024 - 08/2024 | Chennai, India

- Developed and optimized back-end services using **Node.js**, ensuring efficient handling of user data and e-learning content.
- Integrated **MongoDB** for scalable database management, supporting active user profiles.
- Improved **API response time by 20%** through query optimization and data management strategies.
- Led the design and development of the **Progressive Web App (PWA)** front-end using **React.js**, creating a seamless and responsive user experience.
- Implemented a **Drag and Drop UI** for interactive course creation, enhancing the ease of use for instructors and students.

TOP FRESHERS | FULL STACK WEB DEVELOPER [INTERN]

06/2023 - 08/2023 | Chennai, India

BACKEND DEVELOPMENT

- Built **server-side functionality** using **Java** to handle real-time user requests and dynamic temple data, delivering location-based content.
- Integrated **Google Maps API** for **geolocation-based features**, enabling users to find nearby temples with ease.
- Developed and optimized **RESTful APIs** to fetch, update, and display temple data, ensuring efficient data flow between the front-end and back-end.

FRONTEND DEVELOPMENT

- Implemented **React Router** to enable single-page application navigation, enhancing user experience.
- Utilized **React Hooks** for efficient state management, reducing unnecessary re-renders and improving code performance.

PROJECT

TEMPLEFINDER NODE.JS | GOOGLE MAPS API | RESTFUL APIs | REACT.JS

- Developed a web application using **Java Spring Boot** for **backend** services and **JavaScript** for **frontend** logic, allowing users to locate **temples** based on their geolocation within **Tamil Nadu**.
- Integrated **Google Maps API** to provide users with an **interactive map** for easy navigation and to help them find nearby temples based on **geolocation**.
- Designed and developed **RESTful APIs** to fetch, update, and display temple data, ensuring efficient communication between the front-end and back-end.
- Implemented a **MySQL database** for storing temple information and optimized database queries to reduce response times and improve performance.