

SWATHY S

swathysuriyababu.com / [LinkedIn](#) / [GitHub](#) / [Leetcode](#)

Full Stack Developer

swathysuriyababu@gmail.com

TECHNICAL SKILLS

- **Languages:** JavaScript, C++
- **Frontend:** HTML5, CSS3, React, Redux, TailwindCSS, Bootstrap
- **Backend:** Node.js, Express
- **Databases:** MongoDB, SQL, Redis, DynamoDB
- **DevOps & Cloud:** AWS, Jenkins, Docker, Kubernetes, EFS
- **Miscellaneous:** Data Structures and Algorithms (DSA) with C++, Agile methodologies

EXPERIENCE

GUVI-GEEKS

IITM research Park, Tharamani

FULL STACK DEVELOPER, L1

May 2023 – Present

- Implemented and managed automated scheduling using Node.js and node-cron for the Zen Class portal. Developed and optimized cron jobs for session notifications, feedback summaries, task reminders, ticket management, and attendance reports. Enhanced operational efficiency and scalability through dynamic job management, email automation, and real-time alerts. Utilized MERN stack for seamless integration and backend automation.
- Developed and maintained a certificate management using Node.js and MongoDB. Implemented functions for creating, retrieving, and deleting certificates, as well as managing download access. Utilized Mongoose for schema-based modeling and database interactions, ensuring efficient and scalable certificate management.
- Implemented functions for course retrieval, creation, and deletion, with integration of Redis caching for performance optimization. Enhanced functionality with data population and asynchronous operations, ensuring efficient and scalable course data management.
- Provided real-time guidance on students' capstone projects, leveraging expertise in full-stack development to support project planning, architecture design, and implementation. Utilized hands-on mentorship to address technical challenges, optimize code quality, and ensure adherence to best practices. Employed tools and methodologies for project management and version control, facilitating effective collaboration and progress tracking throughout the project lifecycle.
- MERNovation-Introduced and coordinated the entire full stack hackathon event, from April 27 to June-7

TECH-SUPPORT INTERN-MERN

Feb 2023 – April 2023

- Troubleshoot and **fixed bugs** and issues in the mern stack projects to ensure **smooth operation** of the applications
- Writing code for blog projects and resolving technical queries.

ENTRI APP

Kerala

CONSULTANT

Oct 2022 – Dec 2022

- Designed the complete learning path for the Full stack Web development course with project based learning philosophy.
- Created 100 plus hours of video content for MERN stack web development course, presently one of the top selling courses on ENTRI, an Illinois certified course.

WHITEHAT JUNIOR

Mumbai

CODING-INSTRUCTOR

Sept 2020 – Jan 2023

- Assisted students to build games using core logic building concepts of JavaScript.
- Helped students to create Android specific apps using React Native

EDUCATION

Sri Venkateswara College of Engineering

Chennai

Bachelor of Electrical and Electronics Engineering-**CGPA-8.66**

Jun 2014 – May 2018

Sunbeam CBSE School

Vellore

Senior School-**Percentage-93**

Jun 2013 – May 2014

Sunbeam CBSE School

Vellore

Secondary School -**CGPA-10**

Jun 2011 – May 2012

GMAIL-Clone

React.js, Express, NodeJs, MongoDB

[Source Code](#)

Designed and developed a clean and modern email application that mimics Gmail's user interface and functionality. Focused on optimizing the application for speed and enhancing user experience, with features such as email composition, inbox management, and real-time updates.

WanderLust-Travel site

Express, NodeJs, MongoDB, React

[Source Code](#)

Created a travel site with a CRUD API for managing travel-related data. Implemented a RESTful API using Node.js and Express to handle various HTTP methods (POST, GET, PATCH, DELETE) for managing travel destinations, itineraries, and user interactions. The application provides a robust backend service for dynamic content management and user interaction.

RAG-Nodejs-App

Express, NodeJs, MongoDB

[Source Code](#)

Developed a Node.js application utilizing Express for the backend. This application integrates with openAI and uses MongoDB for data storage and management. The application showcases the use of LLM's and Retrieval-Augmented Generation (RAG) for advanced data retrieval and interaction.