

SATHYAVARDHAN K

FULL - STACK DEVELOPER

+91 9865563716

ksathyavardhanec@gmail.com

Sathyavardhank

Sathyavardhank

WORK EXPERIENCE

GWC Data.ai

Associate Full-Stack Developer

July 2024 - Till

- Designed and managed a **Learning Management System (LMS)** using **React.js** and **Sequelize**, enabling efficient batch creation, scheduling, and role-based user assignments.
- Implemented **multi-role authentication** (admin, trainee) and developed a **personalized trainee dashboard** with **React Big Calendar** for course tracking and scheduling.
- Built a **hierarchical tree visualization** using **D3.js**, integrating Snowflake datasets for structured data representation in governance workflows.
- Developed a **template-based data processing system** by integrating **Domo**, enabling CRUD operations and dynamic modifications.

PROFESSIONAL SKILLS

- Programming Languages: Java, Python, JavaScript, HTML, CSS, SQL
- Frameworks/ Libraries: React, Node.js, REST APIs, Shadcn, Tailwind CSS, Material UI, WebSocket, Redux Saga, Sequelize ORM
- Tools & Platform: Github, Postman, Insomnia, Jira, Swagger, GCP, BigQuery, Figma
- Database: MySQL, MongoDB, Firebase

EDUCATIONAL QUALIFICATIONS

Kongu Engineering College, Perundurai, Erode

2020 - 2024

B.E (ECE)

CGPA - 8.49

Erode Hindu Kalvi Nilayam Matriculation Higher Secondary School

March 2020

Class 12 - Higher Secondary School Leaving Certification

Percentage - 66.17

Erode Hindu Kalvi Nilayam Matriculation Higher Secondary School

March 2018

Class 10 - Secondary School Leaving Certification

Percentage - 87.0

PERSONAL PROJECTS

- E-Commerce Web App – React.js | Node.js | Express.js | MongoDB | ShadCN | Mongoose**
 - Developed a feature-rich e-commerce web application with product search, category-based filtering, and cart management for seamless shopping.
 - Implemented checkout, order tracking and cash-on-delivery payment options, enhancing user experience
 - Built an admin panel for managing users, products, orders, and categories with full CRUD operations. Integrated secure authentication for user login/logout, ensuring data privacy.
- Ticketing Tool Management System – React.js | App DB**
 - Designed and developed a ticketing system with functionalities for creating, managing, and organizing tickets within teams. Ensured a user-friendly interface with efficient task management and issue tracking.
- Smart Car Parking System – Raspberry Pi | Python | MySQL | EasyOCR | dweet.io**
 - Led the development of an automated car parking system, integrating hardware and software components. Utilized Raspberry Pi GPIO for servo motor control and EasyOCR for license plate recognition.
 - Implemented billing automation based on parking duration and stored real-time data using dweet.io cloud.