

SATHYAVARDHAN K

FULL-STACK DEVELOPER

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Sathyavardhank

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Portfolio

WORK EXPERIENCE

GWC Data.ai

Associate Full-Stack Developer

July 2024 – May 2025

- Designed and managed a **Learning Management System (LMS)** using **React.js** and **Sequelize**, enabling efficient batch creation, scheduling, and role-based user assignments and 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 **snowflake governance** workflows.
- Developed a **template-based data processing system** by integrating **Domo**, enabling CRUD operations and dynamic modifications in **take2eton**.
- Contributed to a **Domo ETL-to-Snowflake migration tool** by integrating **Domo API** (via client ID, secret, and cookie), fetching ETL metadata, and building a backend to convert matched datasets into Snowflake-compatible stored procedures using fixed DB/schema structure. Integrated **Agentic Domo AI** for query generation

PROFESSIONAL SKILLS

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

EDUCATIONAL QUALIFICATIONS

Kongu Engineering College, Perundurai, Erode

B.E (ECE)

2020 - 2024

CGPA - 8.49

Erode Hindu Kalvi Nilayam Matriculation Higher Secondary School

Class 12 - Higher Secondary School Leaving Certification

March 2020

Percentage - 66.17

Erode Hindu Kalvi Nilayam Matriculation Higher Secondary School

Class 10 - Secondary School Leaving Certification

March 2018

Percentage – 87.0

PERSONAL PROJECTS

◆ 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.
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◆ 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 and Intergrated secure authentication for user login/logout with ensuring data privacy.

- ◆ **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.