

Sivaram Mariappan

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EDUCATION

St Joseph's Institute of Technology

Bachelor of Technology in Computer Science and Engineering (CSE), GPA: 8.6

Chennai, OMR

2022-2026

St George Central School

Percent: 90%

Anchal, Kerala

2008-2022

TECHNICAL SKILLS

Programming Languages: C, Java, JavaScript

Technical Tools: Git, GitHub, SQL, MongoDB

Frameworks: Node.js, Express.js, EJS

PROJECTS

E-commerce Web API ([GitHub](#))

- Developed a **RESTful e-commerce API** using the MERN stack (MongoDB, Express.js, Node.js) to manage key e-commerce functionalities.
- Created and managed a **product list with CRUD operations**, allowing users to add, update, and retrieve product information.
- Implemented **product categorization**, enabling users to filter products by category for improved search and navigation.
- Developed **user management features**, including registration, authentication, and storing user data securely.
- Designed and implemented an **order management system** to track orders and process user purchases.
- Utilized **Mongoose for schema modeling** and MongoDB for efficient data storage and retrieval.

Dynamic Blog App ([GitHub](#))

- Developed a **blog application** with secure user authentication and admin authorization.
- Created an **admin dashboard** for managing, editing, and updating blog posts.
- Implemented a **secure login system** for exclusive admin access to content controls.
- Focused on designing a **user-friendly interface** with functional ease.

EXTRACURRICULAR ACTIVITIES

Machine Learning Club

Coordinator

- Coordinated and organized guest lectures, inviting industry experts to share insights on the latest developments in machine learning.
- Led workshops on machine learning techniques, fostering hands-on learning experiences for club members.
- Collaborated with faculty and students to plan and execute events, enhancing the club's engagement and impact.

CERTIFICATIONS

HTML, CSS, JavaScript - Coursera (Johns Hopkins University), October 2023

Networking Basics - Cisco, December 2024

Data Structures and Algorithms using Java - Infosys Springboard, July 24, 2024

ACHIEVEMENTS

Finalist in Hackathon

Indian Institute of Science, Bangalore

- Recognized as a finalist in a prestigious hackathon for innovative project development and problem-solving skills.

Winner in Cybersecurity Hackathon

Supraja Technologies

- Awarded first place in a cybersecurity hackathon for developing a secure and innovative solution.