Victor Chandrasekar

Software Developer | victorroshan4@gmail.com | +91 9384451488

PROJECTS

REAL-TIME CHAT APPLICATION WITH WEBSOCKETS |
Full-stack Dev | **Live link** | **GitHub link**
Mar 2025 – Present | Chennai

- Developed a full-stack real-time chat application with instant messaging and **RESTful API**, handling authentication with **JWT**.
- Built a responsive UI with **React.js**, **Tailwind CSS** with a scalable backend with **Node.js**, **Express**, and **MongoDB**, Integrated **Socket.io** for real-time, event-driven communication between users.

AI-POWERED PREDICTION OF HYPERTROPHIC CARDIOMYOPATHY | Frontend Dev
Jan 2024 – May 2024 | SRM Easwari, Chennai

- Built the frontend with **React.js**, offering an interactive and user-friendly interface to input patient data and view predictions.
- Stored patient data and model results in **MongoDB** to ensure scalability and persistence.

FULL STACK JOB PORTAL MANAGEMENT SYSTEM (MERN)
| React.js, Node.js & MongoDB | **Live link** | **GitHub link**
Apr 2025 – Present | Chennai

- Built a job portal admin interface using the **MERN stack**, enabling efficient job listing and management.
- Developed role-based access and **CRUD features** for job management in a **MERN stack-based** admin dashboard.

DYNAMIC WEATHER FORECAST APP BUILT WITH REACT |
React.js & Open Weather API | **Live link** | **GitHub link**
Apr 2025 – Present | Chennai

- Built a real-time weather app using **React.js** with dynamic UI updates based on **OpenWeatherMap API data** .
- Deployed on **Vercel** with responsive design and city-based weather search functionality.

COURSES & CERTIFICATIONS

THE COMPLETE FULL-STACK WEB DEVELOPMENT BOOTCAMP | UDEMY | **View Certificate**
Feb 2025 – Mar 2025 | Instructor: Dr. Angela Yu

- Covered **HTML, CSS, Bootstrap, JavaScript, Node.js, Express.js, React.js, PostgreSQL**, and gained hands-on experience in **full-stack development**, **RESTful APIs**, and database management.

JAVASCRIPT ALGORITHMS AND DATA STRUCTURES MASTERCLASS | UDEMY | **View Certificate**
Mar 2025 – Apr 2025 | Instructor: Colt Steele

- Completed an in-depth course covering **core algorithms and data structures in JavaScript** with a focus on problem-solving and writing efficient code.

AUTOMATION IN MANUFACTURING | NPTEL
Jul 2022 – Oct 2022 | SRM Easwari, Chennai

- Learned the fundamentals of **industrial automation** and gained insights into manufacturing and **IoT applications** in the industry.

EDUCATION

SRM EEC
Bachelor of Engineering in Biomedical
Oct 2020 - April 2024 | Chennai, India
Cum. GPA: 9.17 / 10.0

NAZARETH
Matriculation Higher Secondary School | HSC
April 2019 - Mar 2020 | Chennai, India
Percentage: 85%

NAZARETH
Matriculation Higher Secondary School | SSLC
April 2017 - Mar 2018 | Chennai, India
Percentage: 92%

TECHNICAL SKILLS

PROGRAMMING
- JavaScript • Python

WEB DEVELOPMENT
Languages: • HTML • CSS • JavaScript
Frontend: • React.js • Tailwind-CSS
Backend: • Node.js • Express.js • Socket.io
Databases: • MongoDB • PostgreSQL

SOFTWARE & TOOLS
- VS Code • Git/Github • Postman • npm

ROLES & RESPONSIBILITIES
In UG degree

OPERATIONS HEAD
Google Developer Students Club
SRM Easwari | 2023 - 2024

PRESIDENT
BioMedEclat - Students Society Club
SRM Easwari | 2021 - 2023

VICE-PRESIDENT
NSS Unit
SRM Easwari | 2022 - 2023

LINKS

Github:// **Victor/Github**
LinkedIn:// **Victor/linkedIn**
Coding:// **Victor/Leetcode**