

Sarath Chandran

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Profile

An enthusiastic aspiring full stack developer and recent Mechanical Engineering graduate with a passion for coding and creating seamless user experiences. Excited about the transition to a software engineering career, I am eager to leverage strong analytical skills and problem-solving abilities honed through technical training to contribute to developing user-friendly and efficient software solutions. With programming skills in HTML, CSS, JavaScript, Node.js, Express, Angular, MongoDB, and SQL, I am actively seeking opportunities to learn and grow in the software development field and fully embrace the challenges and opportunities of being a full stack developer.

Education

ST Joseph Collage of Engineering And Technology 2018– 2023
Mechanical Engineering

Brototype, Ernakulam 2023 – present
MEAN Stack Development

Technologies

Frontend Development: Angular, JavaScript, Tailwind CSS, Ngrx, RXJS, WebSocket, HTML, CSS & Bootstrap

Backend Development: Node.js, Express, TypeScript, REST API, JWT, Clean Architecture, EJS,


Database: MySQL, MongoDB


Integrations: Razorpay, NodeMailer, Zego Cloud, Google Recaptcha, Socket. io, Cloudinary, Chart.js


Deployment: AWS EC2, Netlify, Versel, NGINX, Hostinger

Tools: Git, Postman, VS Code, Figma, Canva, Postman, Moon Modeler,

Projects

TRAINIAC : Provide Assistance for Online fitness trainers [View website](#) 

- Online fitness trainers can utilize this platform to manage their client's workouts and help them do workouts properly through guided video call sessions.
- It also helps clients to find new trainers based on the credentials provided by the trainer.
- Provide a list of workouts and also guidance for doing the workouts
- The application also has features like chat using **WebSocket**, and video call integration using **Zegocloud API**.
- Admin side management including client and Trainer management, video call management, dashboard
- payment integration using **Razorpay**, **Google Recaptcha** implementation
- Planned and implemented the entire project including the **Figma** designs and **API documentation** and build using **Clean Architecture**
- Technology Used:** Angular, JavaScript, TypeScript, HTML, CSS, MongoDB, ZegoCloud, Node.js, Express, [NgRx](#) , AWS EC2, cloudinary, Versel, Git

VRNA : Ecommerce platform [View Site](#) 

- Shopping website for clothes for both men and women like t-shirts, hoodies, and joggers implemented using an **MVC Framework**
- Built user and admin sections with user authentication using Nodemailer email OTP verification, and product listing based on categories, shopping cart, wallet, and Razorpay online payment.
- For administrators, the features include transaction and order listing, real-time updates on the latest orders,

and detailed sales graphs.

- Integrated Chart.js for Dynamic Data visualization, creating visually appealing and interactive charts to enhance the user experience.
- Developed a desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other users
- **Technology Used:** JavaScript, HTML, CSS, MongoDB, Node.js, Express