

Saran M

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EDUCATION

CSI College of Engineering

Bachelor of Technology in Information Technology | CGPA - 7.15

Ooty, India

Nov 2021 – May 2025

Sacred Heart Higher Secondary School

High School | 82%

Cuddalore, India

Jun 2015 - May 2021

CERTIFICATIONS

1. [The WEB Developer Bootcamp -Udemy](#)

2. [Building RESTful APIs with Node.js and Express](#)

PROJECTS

1. Yelp Camp [\[Live link\]](#) [\[GitHub\]](#) Node.js | Express.js | MongoDB | EJS | Bootstrap-5.

- Developed YelpCamp, a full-stack web application inspired by Yelp, allowing users to discover, share, and review campsites. Implemented **user authentication**, **camp creation/exploration**, and **review functionalities**.
- Overcame challenges in **integrating user authentication** and **database management**

2. Countries Info [\[Live link\]](#) [\[GitHub\]](#) Angular-17 | RxJs | angular/router | Bootstrap-5.

- Developed Countries Info, a **dynamic web application** utilizing the **Restcountries API** to deliver comprehensive data on global countries.
- Implemented a **real-time data search bar** enhancing user navigation and engagement.

3.WEB2PDF [\[Live link\]](#) [\[GitHub\]](#) Angular-17 | Node.js | Express.js | Puppeteer | Tailwind CSS

- Developed a web application for converting **web pages to PDFs**. Leveraging Node.js, Express, and Puppeteer on the **backend**
- The application captures and renders web pages. On the **front end**, **Angular** and **Tailwind CSS** provide a **user-friendly interface** for seamless web page saving for offline reading or sharing.

4. Blood Harmony [\[Live link\]](#) [\[GitHub\]](#) Angular-17 | RxJs | Angular material | Tailwind CSS

- Developed a web application focused on blood donation compatibility to encourage **life-saving contributions**.
- Designed a **user-friendly interface** for patients and donors to input blood groups, dynamically checking compatibility and delivering clear messages on the **suitability for donation**.

TECHNICAL SKILLS

- Programming Languages:** JavaScript, Typescript, Python
- Operating systems:** Ubuntu, Windows
- Frontend:** Angular, Reactjs, Bootstrap, Tailwind CSS
- Backend:** Node.js, Express.js
- Database:** MongoDB, MySQL, MariaDB
- Cloud Technologies:** AWS IAM, AMI, EC2, S3, Route 53, SNS, Cloud watch, VPC, RDS
- DevOps Technologies:** Docker, Jenkins, Github CI/CD
- Libraries:** Mongoose, Passport.js, Bcrypt, Joi, JWT-Json web token
- Developer Tools:** Git, GitHub, Postman, Visual Studio Code