

# Srungavarapu Sriharsha

 harshalmten@gmail.com

 +919390995480

 Vishakhapatnam, India

 LeetCode

 LinkedIn

 Github

## PROFESSIONAL EXPERIENCE

- Rysun Labs**, Associate software DeveloperJun 2024 – present
  - Developed dynamic, responsive front-end applications using **React** with **TypeScript**, reducing page load times by 30% through optimized rendering techniques and using modern styling frameworks like **Tailwind CSS**, **Bootstrap**, and **Material-UI** for seamless, user-friendly interfaces.
  - Designed and implemented scalable back-end systems with **Node.js** and **NestJS**, improving API response times by 20% by optimizing database queries and utilizing performance-focused libraries like **Axios** and **Cache-Manager** for efficient data handling.
  - Managed relational databases (**MS SQL**, **MySQL**) using tools like **DBeaver**, achieving query execution speed improvements of 25% through indexing and query optimization while delivering high-quality, maintainable code by incorporating tools like **ESLint**, **Prettier**.
- Infigon Futures**, Front-End Developer (Internship)Dec 2023 – Jun 2024
  - Developed a proprietary **UI library**, reducing code duplication and enhancing code quality by 25%, while optimizing structure for a 20% quality boost.
  - Engineered two live websites with **React**, **TypeScript**, and **Tailwind CSS**: one for student interactions including tests, payments, and profiles; the other for role-based access to student information and partner platforms.
  - Migrated to **Next Typescript** for a improving code efficiency and quality by 25% and 20%, respectively

## EDUCATION






**B.Tech in Electronics and Communication Engineering**,  
Gayatri Vidya Parishad College of Engineering

2019 – 2023

## SKILLS

<b>Languages</b> Python, C, HTML, CSS, JavaScript , TypeScript	<b>Frameworks</b> React, Next, Nest, NodeJS, ExpressJS, Redux,Tailwind, SASS,Bootstrap
<b>Tools and Databases</b> VS Code, Git , Postman, SQL	

## PROJECTS

- Hommie**, (Live Demo) 
  - Username**: "moyovok367@bankrau.com  ", **Password**: "123456"
  - We built a platform to help students, professionals, and tourists find verified PGs and rental rooms easily. Property owners can list their spaces, ensuring a safer and smoother process.
  - To prevent fake users, we use email verification (**Nodemailer**) and **JWT** authentication, boosting security significantly. A real-time chat (**Socket.io **) enables instant tenant-owner communication, and **Razorpay** integration ensures secure payments. The platform uses **React**, **Tailwind CSS**, and **Framer Motion** on the frontend, with **Node.js** and **MongoDB** on the backend. Future updates aim to boost performance, speed up verification, and improve overall efficiency.
- SurgeFlow**, (Live Demo) 
  - Username** : "demouser", **Password** : "demo123"
  - Developed MERN social media platform, incorporating user authentication and core features such as posts, likes, comments, deletion, and following, while enhancing security by 20% through **Bcrypt** and **JWT tokens**.
  - Improved theme-switching efficiency by 15% through the utilization of the **Context API**.
  - Maintaining UI aesthetics with **CSS** and **Material Icons**, streamlining image handling using **Multer**, and achieving a remarkable 25% performance improvement through data storage in **Cloudinary**.
- Minimalist Cart**, (Live Demo) 
  - Implemented a **ReactJS** shopping cart using **Redux Toolkit**, integrating Redux Persist to enable data persistence and streamline state management, resulting in a 30% increase in efficiency.
  - Enhanced the user interface with **SASS** and seamlessly integrated **Material UI** icons, leading to a 20% boost in visual appeal.
  - Utilized **Redux Persist** to achieve a 15% increase in user engagement, ultimately enhancing the overall user experience.

## CERTIFICATES

- AWS Certified Cloud Practitioner 

## ACHIEVEMENTS

- Secured 96+ percentile in DILR in CAT-2023
- Completed over 300 LeetCode problems.