

SRINATH P

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Objective

Computer Science Engineering student with strong skills in Data Structures, Full-Stack Development, and System Design. Seeking an internship at Intel to apply my problem-solving abilities and contribute to innovative software solutions.

Education

Vellore Institute of Technology, MTech Integrated Computer science

Jul 2021 – Present

- CGPA: 8.75

Lakshmi Garden School, XII

Jun 2020 – May 2021

- Percentage: 88.8

Technologies

Languages: Java, Python, C, C++, JavaScript

Frameworks/Libraries: React.js, Flask, JSP, Servlets, Express.js, Node.js

Tools/Platforms: Git, GitHub, VS Code, Tableau

Databases: MySQL, MongoDB

Experience

Front-end Designer Intern, Orom Corp.

Sep 2023 – Oct 2023

- Completed a **1 month internship** at Orom Corp as a front-end developer.
- Collaborated with designers to create intuitive and visually appealing user interfaces using **React.js**.

Freelance Web Developer, Self-Employed – Remote

- Designed and developed dynamic, high-performance websites using modern front-end and back-end frameworks, ensuring responsive design and seamless user experience.
- Integrated **Firebase** for authentication.
- Ensured **client satisfaction** through effective communication and requirement gathering.

Projects

Hotel Recommendation Tool

GitHub

- Built a web-based hotel recommendation system using **Flask**, **NLTK**, and **web scraping**.
- Performed sentiment analysis on **Booking.com** reviews with **interactive data visualizations**.

Code Forge Live – Real-Time Collaborative Code Editor

GitHub

- Built a real-time code editor using Next.js, Node.js, Express, and **WebSockets (Socket.io)** for seamless multi-user collaboration.
- Implemented room-based sessions with **instant code synchronization**.

CipherSafe - Secure Password Manager

Live Demo

- Developed a password manager with **AES-128 encryption** and **Firebase authentication**.
- Built a responsive frontend using **React.js** and backend with **MongoDB**.

Publications

Study on Artificial Intelligence

2021

Srinath P (2021). "Study on Artificial Intelligence." In: Karthikeyan J, Su-Hie Ting, and Yu-Jin Ng (Eds.), *Learning Outcomes of Classroom Research*, pp. 243-249. L' Ordine Nuovo Publication, India. ISBN: 978-93-92995-15-6.

Certifications

- **Full Stack Web Development** – Udemy
- **MERN Full Stack** – Ethnus
- **Java Programming** – HackerRank