

selva saravana raj - Software Engineer | Frontend Expert & Backend-Capable

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Experience

8queens software technologies - Software Development Engineer Internship

June -Aug '23

- Contributed significantly to the development of the Movie Ticket Booking System for Theater, focusing on both frontend and backend to ensure a seamless and efficient user experience. Developed essential features such as real-time booking, seat reservation, and order management, optimizing the overall user flow.

Refined the backend API, enhancing performance and reducing response time by 40% through targeted optimizations.

Implemented a real-time notification system, ensuring users received timely updates on booking statuses and seat availability.

Proactively resolved critical production issues, improving system stability and reliability.

- Skills:** Full-Stack Development, React, Node.js, PostgreSQL, JavaScript, Python

Academics Achievements

- Idea Presentation : Kalasalingam Engineering College, Coimbatore(Best Presentation Award).
- Successfully Completed The Value Based Skill On 21CBSE401 Data Exploration using Python.
- Paper Published in Scopus(Alcohol Detection And Notification Systems For Vehicles).
- Project Expo(Francis Xavier Engineering College) Certification of(Smart ProductDesign Skills) Organised by FXEC.
- National Level Technical Hakathon HACK2LEAP'22 Organised by SRMIST(Participation).
- Patent Registered For (Alcohol Detection And Notification System For Vehicle).
- National Level Short Term Training Program 2k25 Fullstack with React JS & AI(ID: NSTTP-BFN069).

Skills

- Frontend:** HTML, CSS, JavaScript. Tailwind CSS, React JS
- Backend:** Node JS, Express JS, Git, Github
- Database:** MongoDB, SQL

Education

Sivanthi Matriculation Higher Secondary School

2018 - 2019

SSLC 70%

Sivanthi Matriculation Higher Secondary School

2019 - 2021

HSC 77%

Fancis Xavier Engineering College

2021 - 2025

B-Tech - (Computer Science and Business Systems)

CGPA: 7.5

Projects

Online Tutor App - React JS| Java Script | Html | CSS | Tailwind CSS | Type Script

Developed an Online Tutor Web App using React JS, JavaScript, HTML, CSS, Tailwind CSS, and TypeScript, enabling seamless tutor-student interaction. Implemented key features like real-time chat and session booking with a responsive and user-friendly design.

Alcohol Detection and Notification System in Mobile app - Node JS | React JS | Mongo DB | Python

Built the Alcohol Detection and Notification System mobile app using Node JS, React JS, MongoDB, and Python, enabling real-time alcohol detection and notifications with a responsive interface.