

# 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 21CBSK401 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:** React JS, Tailwind CSS, HTML, CSS, JavaScript.
- Backend:** Node JS, Express JS, Git, Github.

## Education

### Sivanthi Matriculation Higher Secondary School

2018 - 2019

SSLC 70%

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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.