SELVAPRASANTH S

Software Engineer

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🔗 **LinkedIn**

📍 **Dindigul, Palani, Tamil Nadu**

EDUCATION

BE - Mechanical Engineering

Kongu Engineering College

📅 2020 – 2024

📍 Erode, Tamil Nadu

CGPA - **7.96** / **10**

HSC (+2)

Sri Renugadevi hr.sec school

📅 2019 – 2020

📍 Dindigul, Tamil Nadu

Percentage - **74.1** / **100**

SSLC

Sri Renugadevi hr.sec school

📅 2017 – 2018

📍 Dindigul, Tamil Nadu

Percentage - **82.4** / **100**

SKILLS

C, C++, Java, ReactJS, HTML, CSS, JavaScript, MySQL, MongoDB

PAPER PRESENTED

"SIX STROKE ENGINE" in IMPERIUM 2K22 at Kongu Engineering College, Perundurai, Erode. - Won 2nd Prize.

LANGUAGES

Tamil

English

EXPERIENCE

Software Engineer Intern

Applied Materials

📅 03/2024 – 05/2024   📍 Chennai, Tamil Nadu

PROJECTS

Landing page with applicant management   view page   source code

Built-in message form, new account creation, role-based login, session tracking, profile page, admin page, uploading a profile picture. updating user information, profile picture, and password. Account deletion.

On the profile page users can apply for a new job then the application can be reviewed by the admin and the status of the application can be changed. According to the application status, different information fields will be displayed to the user. Users can update the same.

Tech stacks used - HTML, CSS, JavaScript, PHP, MySQL

Alcaline frontend landing page   view page   source code

Infinite carousel, responsive design, and smooth navigation throughout the page. CSS Infinite scrollbar. Semantic HTML. JavaScript toggle page.

Tech stacks used - HTML, CSS & JavaScript

Landing page for coffee shop   view page   source code

Stunning UI design. responsive carousel, Implementation of UseState, useEffect, useRef, useMemo Hooks. Conditional styling. CSS modules. Props drilling.

Tech stacks used – ReactJS & CSS

Personal Portfolio   view page   source code

This portfolio has a responsive design, a built-in contact button linked with WhatsApp API, a downloadable CV, CSS animations, react responsive carousel. React pdf viewer. Messaging form. Typewriting animation.

Tech stacks used - ReactJS, CSS, NodeJS, MongoDB

Design and Fabrication of tractoshred plower

The fabricated model will help to clip organic wastage into several pieces and spread over the agricultural land during the plowing process.

Multicriteria decision-making through TOPSIS on the drilling parameters of Aluminium composites reinforced with ZrO_2 & SiC

Identified the optimal drilling parameters (Spindle speed & Feed rate) to reduce material wastage in the drilling process. Also, identified parameters ensure smooth surface roughness.

CERTIFICATIONS

JAVA (Basics) Certification by HackerRank.
JavaScript (Intermediate) Certification by HackerRank.
SQL (Basics) Certification by HackerRank.