

# SARAN ARUL YOGAN A

## Frontend Developer

After graduating from college in 2020, I dedicated the subsequent three years, until 2023, in preparing for the Civil Services Examination. Following this, I enrolled in a full-stack course at Besant Technologies, focusing on mastering frameworks such as Angular Js, React Js, Spring Boot, and MySQL. Now equipped with a versatile skill set, I am eager to contribute to dynamic IT roles.

## PROJECT PORTFOLIO

### Full-stack CRUD Operations

React Application: February 2024

- Technologies Used: React (version-18.2.0), Spring Boot, MySQL.
- Designed and implemented a full-stack application utilizing React with a modular programming approach.
- Implemented RESTful API endpoints for handling HTTP requests and utilized JSON format for seamless data interchange between client and server components.
- Strengthened micro front-end efficiency by 30% through focused performance optimizations, leveraging the MFE architecture.

Angular Application: January 2024

- Technologies Used: Angular (version-16.2.0), Spring Boot, MySQL.
- Improved performance with loosely coupled architecture, optimized data handling, and reduced processing time by 40%.
- Utilized reactive programming for enhanced responsiveness and streamlined data flow, incorporating routing concepts for seamless navigation.

### College Canteen Website

Web development project: December 2023

- Technologies Used: HTML5, CSS3, Bootstrap, jQuery, and JavaScript
- Implemented user login via local storage, resulting in longer sessions. Additionally, utilized DOM manipulation and a reactive programming approach to boost site interactivity by 50%.
- Created a responsive website using Bootstrap, jQuery, and media queries, ensuring optimal viewing experience across various devices and screen sizes.

### Automatic SIM card ejection Prototype

March 2020

- Developed an Android application in Android Studio focused on authentication.
- Integrated a magnetic actuator for automated SIM card ejection.
- Utilized the device's flashlight functionality to activate the magnetic actuator within the application.

## PROFESSIONAL DEVELOPMENT

Actively engaged in an array of Udemy courses Feb 2024

- Engaged in "The Ultimate React Course 2024: React, Redux & More," exploring modern React concepts.
- Enrolled in a UI/UX course on Udemy, where I will be working with Figma.
- Git & GitHub Master class for Beginners, covering key concepts and workflow in version control.

## CONTACT

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Portfolio: <https://saranriodeveloper.github.io/rio-portfolio/>

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## SKILL

Tools and Frameworks:

- React.js
- Angular.js
- JavaScript ES6.
- HTML5
- CSS3
- Bootstrap (CSS Framework)
- Figma
- jQuery (JavaScript Framework)
- Java
- Spring Boot
- Databases (MySQL)

Skill Enhancement:

- Search Engine Optimization
- Progressive Web App
- Project management tool
- UI/UX

## EDUCATION

Bachelor of Engineering in  
Computer Science

- Panimalar Engineering  
College Chennai, Tamil Nadu  
Completed in 2020 with 6.67  
CGPA

12th standard (Computer Science)

- St. Joseph's Higher  
Secondary school Cuddalore  
Tamil Nadu. Completed in  
2016 with 68%

10th standard

- Velammal Matriculation  
Higher Secondary School  
Chennai, Tamil Nadu  
Completed in 2014 with 84%

## ACHIEVEMENTS

- Led the creation and patenting of the 'Automatic SIM card ejection Prototype' in 2020, demonstrating innovation and technical skills.
- Achieved a 90% proficiency score upon completing the Full Stack Development course at Besant Technology in 2023.