Sasikumar Semalaiyapan

Professional Summary

- Enthusiastic **Full Stack Developer with 2.6 years** of experience developing scalable web applications and **11 months** in intern training.
- Strong knowledge of **Front-End** technology, best practices, and load speed optimization techniques
- Strong knowledge of Object-Oriented Concepts for software design and implementation.
- Basic Java Spring Boot Rest API, Database Technologies including RDMBS like Oracle SQL, MySQL and PostgreSQL.
- Good Technical, Interpersonal and Communication skills.
- Ability to learn and quickly get familiar with a complex business and systems environment.
- Good knowledge of JavaScript.

Employer Summary

- Currently working as a Full Stack Developer in **Kumaran Systems Private Limited** from September 2021 to till date.

Technical Skills

Programming Languages	: Java, JavaScript, Type Script, PL/SQL
Web Technologies	: React, Next.js, Angular, Lit Element, Open-wc, HTML, CSS
Databases	: Oracle SQL Developer, MySQL, PostgreSQL
Application Server	: Tomcat 10
Frameworks	: Spring-6, SpringBoot3, SpringBoot REST API
State Management	: Redux library.
Version Control	: Git Bash (Local repo), Git Hub, Azure Devops (Remote Origin), SVN.
Tools & IDEs	: Visual Studio Code, STS 4, Oracle form builder, Oracle SQL Developer

Professional Experience

Kumaran Systems Pvt. Ltd	**Oct 2022 – Jan 2025**
Full Stack Developer	**Client: TCS-ING**

Project Name: TCS-ING (Legacy Modernization)

Technologies: Lion-Web Component and Lit Elements (JavaScript), Spring boot REST API (Java - 11)

Project Description:

TCS-ING is the migration project which converts Oracle forms to Lion-Component and Spring boot REST API.

This banking application is mainly used to store and edit the surety details of the users for bank employees.

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Roles & Responsibilities:

- **Modernization of Legacy Systems:** Analysed Oracle Forms and migrated them to a modern UI using JavaScript, LitElement, Open-WC, and services built with Java 11 (Spring Boot & JPA).
- **Frontend Architecture:** Designed and structured frontend projects using Open-WC skeletons, LitElement base classes, and Lion Web Components for UI development.
- **Technical Leadership:** Led the team by defining project scope, resolving technical challenges, and enforcing coding standards and best practices.
- **State Management:** Implemented Redux for handling complex data structures and enhancing component communication.
- **Collaboration & Testing:** Worked closely with the testing team to meet deliverables and resolve SIT defects.
- **Oracle Forms Expertise:** Identified equivalent conversion methodologies, ensuring functional parity between legacy and modern systems.
- **Client Support & Troubleshooting:** Assisted clients in resolving issues related to upgraded applications, including legacy system and mainframe integration challenges.

Kumaran Systems Pvt. Ltd	**Feb 2025 – Mar 2025**
Front End Developer	**Client: Internal Tool**

Project Name: Oracle Forms Migrator

Technologies: Next.js and Java

Project Description:

An internal tool designed to automate the conversion of PL/SQL code into React and Java, enabling seamless migration. Additionally, it provides functionality to view inventory details within the tool.

Roles & Responsibilities:

- Developed an **Oracle Forms Trigger Sequence Generator** module using Cheerio and React Flow to streamline trigger sequence management.
- **Designed a Conversion Batch Process** to transform Oracle Forms into XML files using the Oracle Forms Compiler, enabling easier migration and analysis

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Work Experience:

Skills	Working Exp (in years)	Remarks
JavaScript	2 Years	Primary Skill
Oracle Forms	2 Years	Primary Skill
PL/SQL	2 Years	Primary Skill
Next.js	2 Months	Primary Skill
Java	1 Year	Secondary Skill
C# ASP .NET	Corporate Training (KS)	Secondary Skill
Oracle SQL	2 Years	Secondary Skill

Achievements:

- I was honored to receive the "**Go the Extra Mile**" award for my exceptional dedication and commitment during a Quarter Apr – Jun 2023.

Certification:

- ASP.NET CORE WEB API | The Complete Guide
- AJAX Development
- The Complete jQuery Course: From Beginner to Advanced!
- Azure DevOps Fundamentals for Beginners

Education

- **B.E - Computer Science and Engineering** in Jai Shri Ram Engineering College (2022)