

Prabu SUBRAMANIYAN

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Objective

- To Learn and apply cutting-edge technologies of software engineering principles, coding languages, and development tools to lead the design and implementation of software projects.

Skills & Abilities

- Java | version 11 | 11 years | ★ ★ ★ ★ ☆
- Spring Framework | 5 years | ★ ★ ★ ☆ ☆
- ReactJS with Redux | 5 years | ★ ★ ★ ☆ ☆
- RDF | SPARQL | 5 years | ★ ★ ★ ☆ ☆
- SQL | HIBERNATE | 5 years | ★ ★ ☆ ☆ ☆
- Static Code Analyzers | PMD | ES Lint
- HTML | CSS | Dassault Outscale Cloud
- JavaScript | ES6 | 5 years | ★ ★ ★ ★ ☆
- Docker | Kubernetes (Failed in CKA with 63)
- Microservices | 5 Years | ★ ★ ★ ☆ ☆
- Agile Methodology | 5 years | ★ ★ ★ ☆ ☆
- Apache Cassandra | 3 years | ★ ★ ☆ ☆ ☆
- Tools | Eclipse | Git | Maven | npm | Jenkins
- Junit | Mockito | Jasmine | Karma | Jmeter

Experience

R&D DEVELOPMENT MANAGER | DASSAULT SYTEMES | 14 JUL 2014 – 29 NoV 2023

- Involved in Code quality improvements, work allocation and on-time delivery.
- Participated in architecture, design and implementation of back-end and front-end features using Java and ReactJS/Redux.
- Having experience on implementing and managing technologies like SpringBoot with Microservices architecture.
- Developed robust, scalable, modular and API-centric infrastructures.
- Integrated third-party applications using REST APIs.
- Have experience on analyzing and fixing memory leaks in the java backend application.
- Having experience on working with concurrent applications using java backend.
- Experience with Kubernetes, Docker and Outscale cloud.

SOFTWARE ENGINEER | TECH MAHINDRA | 12 JAN 2012 - 7 JUL 2014

- Worked with software design, development and testing team members to implement robust solutions to meet client requirements for functionality, scalability, and performance.
- Involved in creations of mass data with CSV/JSON file formats.

Education

BE | JUL 2011 | MUTHAYAMMAL ENGINEERING COLLEGE, NAMAKKAL | 8.6 / 10 CGPA

HSC | SEP 2007 | GOVERNMENT HIGHER SECONDARY SCHOOL, BELUKURUCHI | 79%

PROJECTS

Supplier Network Management

Company	Dassault Systemes
Client	Procter & Gamble(P&G)
Duration	Current
Project Description	The Scope of the project is to implement the microservice with Even-driven architecture, which manages buyers, suppliers and the process of procurement business.
Language/frameworks	JAVA11, JAVASCRIPT (ES6), REACTJS, BACKBONEJS, NuoDB, REST API (Jersey), SPARQL (Apache Jena), Apache Kafka, Active MQ.
Responsibilities	<ul style="list-style-type: none">● Implementing REST endpoints (Spring Boot Jersey) and business logics on customized Apache Jena.● Modeled data in RDF/OWL format.● Used SPARQL query to analyze/modify/create/delete data.● Have worked on FOAF, VCARD, Custom anthologies libraries.● Developing and maintaining UI using BackboneJS for OEM Users and ReactJS for External users.● Persisting the data into Neo4J/NuoDB (in turtle format) as RDF/OWL data.● Deployed the applications on DS Outscale cloud.

Enterprise Entities Management

Company	Dassault Systemes
Client	Dassault Systemes
Duration	2 years (2017 - 2019) now only support
Project Description	The Scope of the project is to expose the Enterprise business capabilities as APIs and interact with OEMs for Suppliers (Certifications, Quality and Development documents) as a microservice. It also followed event-driven and domain-driven architectural patterns.
Language/frameworks	JAVA 1.8, JAVASCRIPT(ES6), REACTJS, Spring Boot, Apache Kafka
Responsibilities	<ul style="list-style-type: none">● Designed and implemented a REST API using Spring Boot, Spring IOC, Spring Annotations, Spring AOP, and Spring Transactions.● Developing and maintaining UI using ReactJS.

	<ul style="list-style-type: none"> ● Persisting the data using Apache Cassandra (NoSQL). ● Development and Unit Testing. ● Deployed on DS Outscale cloud.
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Supplier Relationship Management

Company	Dassault Systemes
Client	Ashok Leyland , Autoliv
Duration	4 years (2014-2018)
Project Description	<p>The Scope of the project is to enable secured collaboration between OEM and their Suppliers for Sourcing and Quality Management process.</p> <p>PLM Central:- Sourcing central, Quotation Central and Supplier Central.</p>
Language/frameworks	JAVA 1.6, SERVLET, JSP, SQL, ENOVIA, REST
Responsibilities	<ul style="list-style-type: none"> ● Development and Unit Testing. ● Analyzed implemented Security indexing concepts for Sourcing and Supplier applications. ● Analyzed gap in One-Click platform for Supplier relationship management applications and implemented with limitations. ● Analyzed and implemented Security context concepts for Sourcing and Supplier applications.

TES Consolidated Program

Company	Tech Mahindra
Client	TE Connectivity
Duration	2 Years (2012-2014)
Language/frameworks	JAVA 1.4, SERVLET, JSP, SQL, ENOVIA, REST
Project Description	<p>The Scope of the project is to process, maintain and integrate the Engineering Central, Program Central and Material Compliance Central with TE custom web applications for their business.</p> <p>PLM Central:- It is Engineering and Program central development and customization on top of Technia Value Components (TVC) and it is directly or indirectly related to various TE Applications.</p> <p>Compliance Applications:-</p>

	<p>It is Material Compliance Central improvements and customization for compliance codes calculation for TE Customers and it is directly or indirectly related various TE Customized applications.</p> <p>It is supporting Scriba, PTC 1752builder, IMDS and Compliance connect for Suppliers.</p>
Responsibilities	<ul style="list-style-type: none"> ● Development of new functionality. ● Customization of existing functionalities and Bug Fixing. ● Unit Testing and Integration Testing. ● Identifying the Data issues in Production environment and proving code level solution.

Declaration

I Prabu do here by confirm that the information given above is true to the best of my knowledge.

DATE :

SIGNATURE

PLACE: