**SARANYA DEVI PERUMAL** Java Full Stack Developer

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**PROFILE**

An extremely reliable, result-oriented, and highly qualified IT Professional with 8 years’ experience providing guidance and key support as a **Full Stack Engineer**. Experience in Software development industry with primary focus on Java/J2EE applications, AWS Cloud, Build, Release, and software configuration management. Effective Design, Development, Validation and Support activities, to assure that our clients are satisfied with the high levels of service in the technology domain.

**Java Full-stack Developer | Web Developer | Restful API Developer | UI/UX developer | Data Analysis | Database Development | Database Support | SQL Development**

Target sector: IT | Finance, Telecommunication, Insurance, Healthcare

**PROFILE SNAPSHOT**

* •Extensive experience in complete Software Development Life Cycle (SDLC) including System Requirements Collection, Architecture, Design, Coding, Development, and Testing. Maintenance and Enhancement in variety of technological platforms.
* •Experienced in Software (Full Stack) Engineer understands melding of operations and development to quickly deliver code to customers.
* •Experienced in Code optimizations and refactoring of existing code, writing test case coverage using JEST & JUNIT, and code review.
* •Expertise in framework and hands-on API Development using Spring Boot with micro services and SpringMVC, SpringJPA, Maven/Gradle project. Strong debugging skills for both client and server-side components.
* •Building up the streamlined continuous delivery pipeline to enable fast delivery of the cloud hosted offerings. Ensuring cost- effective service delivery by automating critical processes, including new releases, configuration, monitoring, and problem resolution.
* •Hands-on expertise and understanding of CI/CD processes and tools. SCM experience with Git, Automated build, and delivery tools like Git/Bitbucket, Jenkins, Junit, Test Automation, SonarQube and Release Management.

**CORE COMPETENCIES**

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| --- | --- | --- |
| * Analytical Thinking * Agile Methodologies * Defect Tracking and Fixing * High Level & Detailed Design | * Leadership Skills * Project Management * Requirement Analysis * User Training Management * Troubleshooting | * Stakeholder Management * Framework Management * Functional & Technical Specifications * Software Quality Assurance * Database Development |

**TECHNICAL SKILL**

**Languages** Java8/J2EE Features, Angular, ReactJS, NodeJS, JavaScript, TypeScript, HTML, CSS

**IDE** Eclipse, STS, VS Code, Bonita BPM, Oracle SQLDeveloper

**Databases** MySQL, SQL 2008, Oracle DB, PostgreSQL

**Deployment/Servers** Jenkins, CICD, Docker, JBoss, Apache Tomcat

**Framework** Spring Boot/MVC/JPA, Microservice, Hibernate

**Operating System** Windows, Ubuntu, Linux

**AWS Cloud** AWS Lambda, S3, EC2, Autoscaling, SNS

**Tools Used** Maven, Gradle, Junit4, Jest, EclEmma, Git, Bitbucket, Swagger UI, Postman, SonarQube, Fortify, Jira, One Confluence.

**WORK EXPERIENCE**

**Senior Associate** Mar 03, 2023 – present | Sydney, Australia

**Cognizant Technology Solutions Australia Pty Ltd**

* •Implementing various development, testing, automation tools, and IT infrastructure. Planning the team structure, activities, and involvement in project management activities.
* •Defining and setting development, test, release, update, and support processes for DevOps operation. Have the technical skill to review, verify, and validate the software code developed in the project. Troubleshooting techniques and fixing the code bugs.
* •Monitoring the processes during the entire lifecycle for its adherence and updating or creating new processes for improvement and minimizing the wastage. Encouraging and building automated processes wherever possible.
* •Strive for continuous improvement and build continuous integration, continuous development, and constant deployment pipeline (CI/CD Pipeline). Mentoring and guiding the team members.

**Senior System Engineer/Technology Analyst** Mar 2019 – Mar 2023 | India & Australia

**Infosys Ltd**

* •Working closely with the development team to setup, deploy and maintain the infrastructure. Design, setup and review CI/ CD Pipelines at scale to make sure solutions built are optimal.
* •Designing and managing tools for managing the infrastructure and write clean & re-usable simple codes. Developing codes for extensive test coverage, perform continuous deployment in a professional software engineering environment.
* •Configuring server images, optimize the task performance in correspondence with the engineers. Configure popular database engines and schema creation as necessary.

**Software Developer** May 2018 – Mar 2019 | India

**Einzton Technologies Pvt Ltd**

* •Developed and Involved in Integration by using Spring boot Framework and the implementation of modules like reservations made on vehicles, payment and bills, toll transaction domain process.
* •Gathering requirements from client and analyzing the requirement with manager about requirement timeline. Designed screens by using the JSP.
* •Every action from day-to-day management activities to yearly reports will be systemized through intranet and internet facilities and other mission critical components of a business through a series of interconnected executive dashboards.

**Project Associate** Dec 2016 – Nov 2017 | India

**Indian Institute of Technology Madras**

* •Involved in gathering requirements from client and analysing the requirement with manager about requirement timeline.
* •Worked with Lead Engineer to plan feature implementations and estimate the resulting tasks. Developed the persistence logic by using Hibernate.
* •Created New MTA Cluster, Database, Schema, Tables, Views, and Functions based on requirements.
* •Developed and integrated the device by using mechanisms like ZRTP, SRTP protocols.
* •Developed new and creative applications for the web-based aspects. Writing unit testing with Junit and code management using Git.

**Software Developer** Jun 2015 – Nov 2016 | India

**SSLF City**

* •Identify and analyse user requirements, implementing various services to calculate payment and order information.
* •Prioritize, assign, and execute tasks throughout the software development life cycle.
* •Design database architecture, involved in creating Stored Procedures to a package.
* •Worked with senior developer to manage large, complex design projects for corporate clients
* •Maintaining the application and writing unit test cases and debugging the code.

**PROJECTS**

**Project I: Westpac | Domain: Finance**

**Cognizant Ltd**

In this project involved in Generate online document, archive the document; update client output contract settings, and sending the alert via SMS, Email, and fax.

***Tasks/Achievements***

* •Involved in both Development and support to solving high priority production issue. My major role of team is providing technical and functional guidance when required.
* •Application bug fixing and new requirement and Rest API implementation. Working on change request created by user story in jira board. Responsibility for maintaining the tracking system of work assigned and complete.
* •Team Management work with team and providing technical and functional help when they are struggle.

**Project Environment:** Java8/J2EE, SpringBoot, Rest API, SwaggerUI, Postman, SonarQube, Junit4, ReactJs, Jest, Git, Jenkins, Oracle12c, Jira Board, Tomcat8.

**Project II: Optus | CMDM - Customer Master Data Management | NextGen**

**Infosys Ltd**

This project to monitor the customers data and managing their personal information such as provider details, subscription, plans details, billing information and payment/card details, reports based on the search criteria.

***Tasks/Achievements***

* •Closely work with business leaders, technical teams, cross-functional teams, and other stakeholders to identify business requirements and Rest API implementation.
* •Develop and Application bug fixing, and new requirement implementation Updated and enhanced. Provided Production Support to clients.

**Project Environments:** Java8, SpringBoot, MicroService, Oracle, ReactJS, Jenkins, CICD, JBoss, Tomcat, Maven, Ant, Jira, Confluence.

**Project III : VERIZON | CoFEE Engineering | INTL PVCgroom**

CoFEE Engineering is responsible for Order Entries, Design, along with Network and Telco coordination efforts for the purpose of increasing Telco Cost Savings. INTL PVCGroom, we migrate the customer connection from one router to another router.

***Tasks/Achievements***

* •Utilize Verizon Business systems to track, coordinate, and complete all grooms.
* •Send, coordinate, and complete appropriate ASR related activities to Local Exchange Carrier (LEC).
* •VZB Layer 1 Order Entry Assign-Design systems: PC, BGW, and ASR, SNM, VDDS, IPSM.

**Project Environments:** Java8, Spring Boot, Microservice, Oracle, Bonita BPM tool, Angular, Jenkins, CICD, Docker, Tomcat, Gradle, Jira, Confluence.

**Project IV: ZK framework | Toll Transaction Management**

**Einzton Technologies**

Using the ZK framework developed a toll transaction web-based application. In this project, it is especially useful to show reservations made on vehicles and tools.

***Tasks/Achievements***

* •Develop various applications in Toll Transaction domain, which involves roadmap/lane application lifecycle from design, development
* •Analyse application requirements, responsible for end-to-end delivery of projects and timelines.

**Project Environments:** Java, Spring boot, Node JS, Oracle, Jenkins, SDLC, Windows family.

**EDUCATION**

MCA of Computer Application (MCA) at Anna University with 8.41 CGPA in 2015.

BCA of Computer Application (BCA) at Bharathidasan University with 8.14 CGPA in 2012.

**CERTIFICATIONS AND TRAININGS**

* Scaled Agile Framework in Certified SAFe 5 Practitioner.
* PHP Certifications in Bharathidasan University, Trichy.

**ACCOMPLISHMENTS, AWARDS & RECOGNITION**

* •I was recognized as Best Team Player Award in 2022 by Verizon Account.
* •My idea was selected as best Idea for Data Integration.

**DECLARATION**

I hereby declare that all the above information furnished is true and correct to the best of my knowledge.

**Saranya Devi Perumal**