Raj Kiran Thovarayi

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**Summary**

* Full Stack Software Developer with seven+ years of experience in Java, Spring Boot, ReactJS, GraphQL and other technologies. Currently at CACI Ltd, delivering applications in the education sector.

**Portfolio**

* Jain University Final Year Project published in an international journal, Citations from Chicago, Oxford, and Harvard Universities (<http://ijariie.com/FormDetailsCon.aspx?MenuScriptId=293>)
* LinkedIn profile at <https://linkedin.com/in/rajkirant>
* GitHub profile at <https://github.com/rajkirant>
* YouTube Machine learning project <https://youtu.be/EwTR0PrpJ7o>
* Video Resume <https://youtu.be/5HE719gUBiw>

**Skills & Tools**

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| **Languages** | Java, Python(Django,Flask), JavaScript |
| **Web Development** | HTML, CSS, XML, ReactJS, GraphQL, Elasticsearch, Docker |
| **Java Frameworks** | Spring Boot, Hibernate, REST, JDBC, JUnit, Mockito, Spring, JPA, Kotlin |
| **JavaScript Libraries & Frameworks** | AJAX, AngularJS, jQuery, JSON, NodeJS, Bootstrap, TypeScript |
| **Databases** | MySQL, Oracle SQL, MongoDB, Liquibase, ActiveMQ Artemis |
| **Version Control Systems** | SVN, Bitbucket, GitHub |
| **DevOps & Testing Tools** | Jenkins, SoapUI, Selenium, Mockito, TDD |
| **IDEs & Tools** | Eclipse, SQL Developer, Visual Studio, IntelliJ |
| **Architectural Style** | Microservices, MVC, TDD |

**Experience**

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| **CACI Ltd** | Full Stack Developer from Aug 2022 to Present in London |  |
| **Tata Consultancy Services** | Systems Engineer from May 2019 to December 2020 in Kochi, India |  |
| **UST Global** | Software Developer from Aug 2018 to April 2019, Trivandrum, India |  |
| **Sonata Software** | System Analyst from Dec 2015 to Aug 2018 in Bangalore, India |  |

**Previous Projects**

1. **Full-stack Developer - CACI**

Responsibilities:

* Full Stack Development using Spring Boot and ReactJS on Agile/Scrum environment.
* Researched and architected the system.
* Upgrade legacy spring boot projects.

Skills:

* ReactJS, Spring Boot, PostgreSQL, GitLab, GraphQL, ActiveMQ, Kotlin.

Achievement:

Performed several software upgrade work of many Legacy projects including spring boot, java, maven, react, node and pnpm. Resolved all the issues arise from it including resolve breaking code changes, dependency conflicts, third party library support, security measurements.

1. **Systems Engineer – Tata Consultancy Services**

Responsibilities:

* Developed software solutions using Java and Spring Boot.
* Prepared and executed unit test cases to ensure the quality of software.
* Designed and implemented Java Design Patterns.

Skills:

* Skills: Java, Spring, JUnit, Mockito, JIRA, Confluence, Jenkins.

Achievement:

Integrated SSE streams in the project that send notifications/messages promptly to clients that improved the overall performance.

1. **Software Developer – UST Global**

Responsibilities:

* Developed and maintained APIs and Defect fixing.
* Working on an Agile/Scrum environment.
* Set up and Run Jenkins Pipeline and deployed our project in AWS.

Skills:

* Skills: PLSQL Workbench, Eclipse, SVN, MVC design pattern by using Spring and JPA.

Achievement:

Successfully upgraded several Maven projects single-handedly, maintaining full functionality.

1. **System Analyst – Sonata Software**

Responsibilities:

* Full-stack development using Java & Angular JS.
* Implementation of new software upgrades
* Automation testing of the application.

Skills:

* MySQL Workbench, Eclipse, JIRA, Git, MVC, Maven Build, SOLR.

Achievement:

Orchestrated the transition of a monolithic Java project into a multi-threaded microservices architecture, thereby enhancing the system's modularity and scalability.

**Education**

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| **Cardiff Metropolitan University** | Masters in Advanced Computer Science from January 2021 to May 2023 |  |
| **Jain University** | Bachelor in Electronics and Communication from June 2012 to July 2015 |  |
| **Nettur Technical Training Foundation** | 3 Year Diploma in Mechatronics from June 2009 to July 2012 |  |

**Academic Projects**

* **Automatic Tumbler Cleaning System – NTTF University**: This is an electromechanical device designed to automate the process of cleaning of used tumblers, preparing them efficiently for subsequent use.
* **Smart student barcode enquiry System – JAIN University**: It is an embedded-based device that scans barcodes from a student’s ID card, retrieves his marks and attendance from a university’s database remotely, and displays them on an LCD screen.