**BALA VENKATA SAI KUMAR THOTA**

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**Java Full Stack Developer**

**SUMMARY The Colony, Tx-75056**

Highly motivated Full-Stack Developer with solid academic and personal-project experience in JavaScript (ES6+), React.js, Node.js/Express and Java/Spring Boot. Skilled at crafting responsive UIs and designing RESTful APIs, with hands-on exposure to database technologies (MySQL, MongoDB). Familiar with cloud fundamentals (AWS – EC2, S3, Lambda), containerization (Docker) and CI/CD pipelines (GitHub Actions, Jenkins). Eager to apply strong problem-solving abilities and collaborative spirit to build scalable, user-centric web applications.

**Java Full-Stack Developer (Personal Project)**

**Website for Family Business  Dec 2023 – Jan 2024**

**Key Responsibilities:**

* Designed and developed a responsive website for family business using Java for backend and HTML/CSS/JavaScript for UI.
* Built RESTful APIs, optimized SEO, and deployed the website, increasing the sales by 35%.
* Incorporated interactive features like contact forms and product/service listings, leading to customer engagement.

**INTERNSHIP**

**Jr Java Developer | Future Skill Prime, Virtual. Jun 2022** **– Sep 2022**

**Key Responsibilities:**

* Developed a Java-based application with RESTful API integration to streamline ITSM operations via ServiceNow.
* Implemented ServiceNow workflow configurations and GlideScript, enhancing incident resolution efficiency by 30%.
* Built and consumed REST APIs to enable seamless communication between Java backend and ServiceNow modules.
* Automated routine ITSM tasks using PowerShell and Bash scripting, contributing to configuration management automation, improving process execution time by 20%.

**ACADEMIC PROJECT EXPERIENCE**

**Java Developer | University Vehicle Data Management & Reporting.**  **Aug 2024 – Dec 2024**

**Key Responsibilities:**

* Built Spring Boot services for data entry and submission, enforcing input validation and month-wise processing improved form accuracy by **30%** and reduced user submission errors.
* Applied Spring Security to implement fine-grained role-based access control across modules — enhanced data protection and reduced unauthorized access incidents by **40%**.
* Developed RESTful Java APIs and integrated a scheduler for automated report creation, viewing, editing, and distribution.
* Spearheaded unit and integration testing with JUnit/Mockito and streamlined CI/CD pipelines (Jenkins & GitHub Actions) to deliver defect-free releases.

**Jr Java Developer | Exoplanet Detection in Milky Way Galaxy using Flask API.**  **Apr 2023 – Jun 2023**

**Key Responsibilities:**

* Modernized and optimized data processing logic using Java, improving system accuracy by 18%.
* Built user-centric features with Java and Spring Boot to enhance data visualization and interaction.
* Blended CI/CD pipelines using Jenkins and GitHub Actions to ensure smooth deployment and testing workflows.

**CORE SKILLS**

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| --- | --- |
| **Programming Languages** | Java, JavaScript, Python, C++ |
| **Web Technologies** | HTML, CSS, JavaScript, AJAX, RESTful APIs, SOAP |
| **Databases** | MySQL, PostgreSQL, SQL Server |
| **Frameworks** | Spring Boot, Hibernate, JPA, Kubernetes, Puppet |
| **Cloud & DevOps** | AWS, GitHub Actions, Jenkins |

**EDUCATION**

**Master of Science in Information Systems** (3.9 – 4.0)

Northwest Missouri State University, Missouri , USA **Aug 2023 – Dec 2024**

**Bachelors in Computer Science & Engineering** (3.6 – 4.0)

Vignan's Lara Institute of Technology & Science, Vadlamudi, India **Jul 2019 – Jun 2023**