ADITHYA KASHYAP PULIPAKA

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PROFESSIONAL SUMMARY:

- **Full Stack Software developer** with experience in development, testing and deployment of enterprise applications using technologies like Java, Spring, JavaScript, Python, Hibernate, Maven, GIT, Angular, Jenkins and Nexus.

- Certified **MongoDB Developer Associate** for MongoDB3.2.

- Certified **AWS Solutions Architect Associate** (CSAA)

- Experience in development and maintenance of enterprise applications using **Java J2EE**, **Spring**, **Hibernate**.

- Develop and test GUI applications using **HTML5**, **CSS3, JavaScript** and **Angular framework**.

- Hands-on experience in implementing CI/CD pipelines using **Jenkins Pipeline** and integrating with tools like **Cloudify** for **cloud-ready deployments**.

- Implemented various REST APIs using different J2EE Design patterns such as **Singleton**, **Factory**, **DAO**, **Builder**, **Façade**.

- Understanding of Agile Methodologies like **Scrum** and **Kanban**.

- Implemented applications using **SOA**, **MVC and various Microservice** architectures and good understanding of **TDD** and **BDD** technologies.

- Developed automation frameworks using **Cucumber**, **Selenium** and utilized tools like ALM and **Jira** for test suite management and Sauce labs for test executions.

- Ability to work effectively as a team as well as independently, self-motivated with good communication and interpersonal skillset.

EDUCATION:

Master of Science in Electrical Engineering   **May 2014**
The University of Texas at Dallas.
Bachelor of Technology, Electronics and Communication Engineering   **May 2012**
Jawaharlal Nehru Technological University, Hyderabad, India.

TECHNICAL SKILLS:

Programming Languages/Frameworks: Java, JavaScript, Spring, Hibernate, HTML5, CSS3, Angular, React.
Software & Tools: GIT, Jenkins, MongoDB, Docker, Oracle, MySQL, Sybase, SVN
Cloud Technologies: Cloudify, AWS EC2, S3, VPC, ELB, IAM
Operating Systems: Windows, Linux, UNIX.

PROFESSIONAL EXPERIENCE:

Full Stack Developer, VASG Inc.

Client: Morgan Stanley   **Jan 2021 - Present**

- Working as a full stack developer building microservices using Java/Spring Boot and client-side application using Angular.

- Developed and test RESTful microservices using Spring Boot and persist the data in Sybase.

- Responsible for driving design discussions on a mission critical feature and involved in full lifecycle of the feature from development to production deployment.

- Integrate the system with enterprise level entitlement framework for authentication and authorization.

- Responsible for authoring and maintaining the build and deploy jobs (CI/CD) using Jenkins Pipeline and facilitating the APIs to be deployed independently.

- Work with UI/UX team to come up with new wireframes based on requirements and enterprise design system.

- Build the client-side application using Angular 11 framework written in Typescript and use Redux for state management.

- Migrate existing APIS from older infrastructure to cloud ready infra using Cloudify and automate these deployments.

- Assist the QA/Business stakeholders for testing new features and incorporate continuous feedback.

- Participate in Agile ceremonies to update the status of work and plan the development-to-production cadence.

- The tech-stack includes Java 11, Spring Boot, Sybase, GIT, Jenkins Pipeline, Angular 11, CSS3, Bootstrap5, Gradle, Cloudify.

Java Developer, VASG Inc.

Client: Fannie Mae   **May 2018 – Dec 2020**

- Worked primarily as a backend developer to build the internal analytics platform Loss Allowance and Valuation Analytics (LAVA) which provide holistic analytics view for loan performance models like FAS114 and CECL.

- The application is built using Java 8 with JSP as the interface to the user and using Spring Batch to perform operations on groups of loans based on a schedule.

- Data was persisted in Oracle using Hibernate ORM framework and used the filesystem to store the response analytics (flat files) and provide insights using tableau on the user interface.

- Develop the services using design patterns such as MVC, Factory and Builder pattern leading to more maintainable and testable code.

- The internal calls to other services are done using various protocols such as SOAP, REST etc.

- Working with the team to migrate the current project to the latest technology stack along with some design changes and also moving to the cloud.

- Updated the user interface using Angular replacing JSP and using enterprise web framework ADK (Angular Dev Kit).

- Upgraded the automation framework to work with latest changes in the UI framework.

- Touch-base with the business periodically to get the feedback on the new upgrades and modify the requirements accordingly.

- The stack includes Java 8, Spring 4.x, Hibernate 4, SVN, Jenkins, HTML, CSS, Angular, tcserver, Maven, Selenium,Selenide, Saucelabs.

Java Developer, VASG Inc.

Client: Fannie Mae   **May 2017 – May 2018**

- Responsible for development and testing of Whole Loan Valuation System (WLVS) application.
- The User Interface of the application is build using Java and AngularJS while the backend of the application is built using combination of SAS and UNIX.
- Developed the application around MVC architecture with Angular providing the View and implementing the controller part and Model using Spring framework (Spring 4).
- The data is persisted in Oracle using Hibernate framework and the data is passed to the downstream systems using JMS.
- Assisted the team in setting up the automation CICD pipeline to streamline the deployment across environments.
- The stack includes Java, Spring 4, Hibernate 4, SVN, Jenkins, AngularJS, HTML5, CSS, tcserver.

Java Developer (SDET), VASG Inc.

Client: Fannie Mae   **April 2016 – April 2017**

- Worked as an SDET under Servicing Management Default Underwriter (SMDU) project for Fannie Mae.
- Responsible for developing Automation framework for SMDU backend services using Cucumber as the driver and built on Java.
- Also responsible for design decisions on development of Java based service in the application to upgrade to a newer technology stack.
- Also involved in maintaining the environment through Jenkins for deployments and weekly maintenance of the application servers.
- The language and the set of tools include Java, JRules, Tibco, Cucumber, Jenkins and Spring Framework

Java/C++ Developer, VASG Inc.

Client: Fannie Mae   **July 2015 – March 2016**

- Worked as a developer under Desktop Underwriter (DU) project and involved in migrating a legacy data service from C++ to Java.
- The service known as Document5.0 was written in Java and the data was stored and retrieved in Hadoop HBase using the REST APIs provided.
- The technology stack includes Java, IBM MQ, API exposed on HBase, WebLogic and UNIX operating system.
- Involved in the complete SDLC lifecycle of the project in order to properly migrate the legacy code into the new tech stack along with modifications to the C++ code for subsequent releases.
- Responsible for writing the Unit Tests and maintaining the test suite for the application.

Automation Engineer, VASG Inc.

Client: Fannie Mae   **September 2014 – June 2015**

- Worked as an Automation Engineer in developing and testing a web application known as Loan Delivery Next Generation (LDNG).

- The Application was developed using Spring framework and backbone.js and the automation was done using the combination of Java, Selenium framework and Cucumber, which is a BDD Automation tool.

- Developed an internal framework using Cucumber and Selenium which is used to test the actual application.

- The application developed is an extension of the Legacy Loan Delivery (LD) project providing additional features to the Lenders.