

Padmaja Ramesh

Atlanta,GA | **E-mail:** padmajaramesh1205@gmail.com | **Cell:** (715) 559 6225

LinkedIn: www.linkedin.com/in/padmaja-ramesh | **GitHub:** https://github.com/Padmaja-Ramesh

SUMMARY OF QUALIFICATION

Enthusiastic, Full Stack Developer with 3+ years of experience in Java, Spring Framework, and REST API design for backend development. Skilled in front-end technologies such as JavaScript, Vue.js, and React.js for building dynamic and responsive user interfaces. Proficient in CI/CD tools like Jenkins and Manual/Automated Testing with JUnit. Committed to crafting scalable applications and staying ahead of technological trends. Completed the Cloud Skills Challenge, showcasing proficiency in cloud computing and integration.

TECHNICAL SKILLS

- **Programming languages:** Python (Python 2/3), Java, JavaScript
- **Web Frameworks:** Django, Flask, Spring Boot, Vue.js, React.js
- **Databases:** MySQL, PostgreSQL, Couchbase DB
- **Tools and Packages:** Anaconda, Git/GitLab, JIRA, qTest, Postman
- **IDEs:** Jupyter Notebook, PyCharm, Eclipse, Spyder, Visual Studio Code, IntelliJ, Spring Tool Suite
- **Cloud Services:** AWS (EC2, CloudWatch, DynamoDB, Glue, Lambda, S3 bucket), Microsoft Azure
- **AI Skills:** Machine Learning, Natural Language Processing, Sentiment Analysis, Data Visualization, Software Engineering, Technical Production

PROFESSIONAL WORK EXPERIENCE

Full Stack Developer | *USAA - Remote |(Contract) | September 2022 - February 2023*

- Developed and stabilized Java Gradle-based applications, optimizing database-mainframe integrations and improving system reliability.
- Built and maintained RESTful APIs using Spring Boot, enabling seamless data exchange between microservices and external systems
- Actively collaborated with testers and senior coders to produce functioning applications.
- Designed and implemented microservices-based architecture, improving scalability and maintainability of core business applications.
- Enhanced deployment efficiency and reduced release cycle times by integrating CI/CD pipelines using GitLab, automating build, test, and deployment processes.
- Implemented performance monitoring using EKL on IBM Cloud tool for efficient tracking and optimization of application performance.

Technical Skills: Java, Gradle, GitLab, CI/CD automation, qTest, Selenium, REST framework, IBM Cloud tool

Full Stack Developer | *Vanguard - Remote |(Contract) | August 2021 - September 2022*

- Collaborated on high-quality software solutions using Scrum Agile practices.
- Updated dynamic and responsive web apps with JavaScript and Vue.js, following the MVC architecture pattern.
- Integrated ag-grid-vue component for efficient data handling and visualization in Vue.js applications.
- Utilized Plotly library for interactive data visualization and analytics within web applications.
- Fine-tuned version control with Git and BitBucket, ensuring effective code change management.
- Analyzed user interface and experience requirements, aligning software solutions with business needs.

Technical Skills: JavaScript, Vue.js, Git, BitBucket, Agile methodologies, ag-grid-vue component, Plotly lib

Software Developer | IBM - Remote |(Contract) | April 2021 - June 2021

- Realigned requirements and assessed feasibility, analyzing appropriate technologies for software solutions.
- Initialized estimates for enhancements using standard templates, ensuring accurate project planning.
- Implemented Continuous Integration with Jenkins for efficient build processes, automating the software development lifecycle.
- Managed local Kubernetes deployments, optimizing application performance in containers for scalability.
- Executed comprehensive manual and automated testing on Java Gradle-based applications to ensure functionality and performance standards were met.
- Participated in Continuous Integration processes with Jenkins, ensuring efficient build and deployment workflows.

Technical Skills: Requirements analysis, Technology assessment, CI/CD implementation with Jenkins, Kubernetes management, Python

VOLUNTEER EXPERIENCE

Beyond.co | Full Stack Developer/Tester | Remote,USA | *Aug 2024 -Present*

- Identifying and resolving bugs during development phases, collaborating closely with developers.
- Conducting data validation and integrity checks, ensuring consistency across multiple data sources.
- Contributing to feature development by implementing code enhancements and integrations with LLM, supporting seamless delivery within the SDLC.
- Automating test cases using Playwright, improving test coverage and efficiency.

Technical Skills: Java(micronaut), Github, CI/CD automation, playwright, Selenium, REST framework, AWS cloud tools(lambda, S3 bucket), Swagger documentation, LLM, Python

EDUCATION

Anna University - Tamilnadu, India | *September 2008 - July 2012* |*Bachelor of Engineering*