

VAMSI KRISHNA SADINENI

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SUMMARY OF EXPERIENCE

- Java developer with three years of experience in building scalable applications.
- Over 3 years of experience in the complete Software Development Life Cycle.
- Developed and implemented object-oriented programming using Java, emphasizing code maintainability, reusability, and scalability.
- Strong experience with Java technologies such as Core Java, JEE, Spring Framework, Microservices/REST Web Services, HTML, and JavaScript.
- Proficient in migrating monolithic applications to microservices architecture using Spring Boot and Restful Web Services.
- Worked with MySQL, Oracle, and Postgres databases.
- Applied Test-Driven Development (TDD) principles.
- Well-versed in version control tools including Bitbucket-Git, GitHub
- Experienced in utilizing build and continuous integration tools like Maven, Gradle, and Jenkins

TECHNICAL SKILLS

- **Languages:** C++, Java, Python
- **Web Technologies:** HTML, CSS, XML, PHP, jQuery, JavaScript, WordPress, Node JS, Bootstrap, React, Angular
- **Databases:** MYSQL, Oracle, PostgreSQL
- **Operating Systems:** Windows, Linux
- **Version Control:** Git, Bitbucket
- **Tools:** Jenkins, VS Code, Maven, Jira, Android Studio, Git, Visual Studio 2017s, Postman
- **Others:** Docker, Kubernetes, .NET, DNS, GCP, AWS, Azure, Big Query, Kafka, REST, GRPC, Micro services

PROFESSIONAL EXPERIENCE

Software Intern (Best Buy, Kansas City, MO, USA)

May 2022 – Apr 2023

Responsibilities:

- Managed project tasks and facilitated collaboration with the development team using JIRA Agile boards, ensuring timely project delivery.
- Implemented data processing algorithms utilizing Java 8's functional programming features, including streams and lambdas.
- Developed a backend microservice using Java 11 and the Spring Boot framework, creating RESTful APIs for data retrieval and manipulation.
- Designed and implemented RESTful web services using Spring Boot, enabling efficient communication between the frontend and backend systems.
- Developed webpages using Angular 9, HTML5, CSS3, ES6, and TypeScript to provide a responsive user interface.
- Designed and executed comprehensive API test suites with Postman, ensuring the quality and reliability of RESTful APIs.
- Configured Jenkins pipelines to automate the build, test, and deployment process for a Java web application hosted on GitHub.
- Conducted regular code reviews and provided constructive feedback to team members, contributing to code quality and adherence to best practices.
- Collaborated with the QA team to identify and address software defects, ensuring the delivery of a stable and bug-free product.
- Participated in knowledge-sharing sessions and training programs to stay updated with the latest software development trends and technologies.

Project Description: Collaborating with a cross-functional team of developers, designers, and product managers, the project aimed to enhance the online shopping experience for Best Buy customers. This involved developing a new feature to streamline the checkout process. Responsibilities included designing and implementing front-end components using HTML, CSS, and JavaScript, as well as ensuring seamless integration with existing back-end systems. Extensive testing was conducted to ensure a consistent user experience across various browsers and devices.

Environment: Java 11 | Spring Boot | PostgreSQL | IntelliJ IDEA | Angular 9 | Visual Studio Code | Git | Postman | Amazon Web Services (AWS)

Jr. Java Full Stack Developer Intern (Grape Soft Technologies, Chennai, TN, India).

May 2022 – Apr 2023

Responsibilities:

- Configured JIRA workflows and customized issue types to align with the team's development process, enhancing productivity and transparency.
- Enhanced the performance of existing Java 8 code by refactoring it to leverage concurrent collections and multi-threading techniques.
- Collaborated with the development team to implement automated API testing using Postman collections, integrating it into the CI/CD pipeline for streamlined testing.
- Set up and configured AWS S3 to efficiently store and retrieve large-scale data, ensuring data integrity and security.
- Integrated GitHub webhooks with Jenkins to trigger automated builds and deployments whenever code changes occurred, resulting in improved development efficiency.
- Assisted in the design and implementation of database schemas and data models, optimizing data storage and retrieval for improved application performance.
- Actively participated in daily stand-up meetings, sprint planning, and retrospectives, contributing to an Agile development environment that focused on continuous improvement.
- Collaborated with senior developers to troubleshoot and resolve complex technical issues, enhancing problem-solving skills and gaining practical experience in software debugging.

Project Description: As a part of a customer validation project for a prominent technology company, the focus was on testing and validating their web application extensively. The goal was to ensure the application's functionality and usability met the required standards. This role involved close collaboration with the development team to identify and report bugs, providing comprehensive feedback for continuous improvements.

Environment: Java 8 | Java Script | HTML | Eclipse | AWS | Jenkins | Git | Postman

ACADEMIC PROJECTS

- E-commerce Platform (Java Spring Boot | React | MySQL | AWS)**
A full-fledged e-commerce platform that allows users to browse, search, and purchase products. It includes features like user authentication, product catalog, shopping cart, order processing, and payment integration. The backend is built with Java Spring Boot, and the frontend is developed using React. Data is stored in a MySQL database, and the application is deployed on AWS.
- Task Management System (Java Spring MVC | Thymeleaf | PostgreSQL)**
A web-based task management system that helps teams organize their tasks and projects. Users can create tasks, assign them to team members, set due dates, and track progress. The system provides a user-friendly interface built with Java Spring MVC and Thymeleaf for templating. Data is stored in a PostgreSQL database for efficient retrieval and management.
- Online Bookstore (Java Spring Boot | Angular | MongoDB | Docker)**
An online bookstore application that allows users to search for books, view details, and make purchases. The backend is implemented using Java Spring Boot, and the frontend is built with Angular. MongoDB is used to store book information and user data. The application is containerized using Docker for easy deployment and scaling.
- Expense Tracker (JavaFX | SQLite)**
An expense tracking application built using JavaFX for the graphical user interface and SQLite for data storage. Users can input their daily expenses, categorize them, and view their spending history through interactive charts and reports. The application allows users to set budgets and receive notifications when they exceed their budget limits.
- Personal Blogging Platform (Spring Boot | Thymeleaf | MySQL)**
A personal blogging platform where users can create, edit, and publish blog posts. The backend is developed using Spring Boot, providing RESTful API endpoints for CRUD operations on blog posts. Thymeleaf templates are used for rendering the frontend views. User authentication and authorization are implemented, allowing registered users to manage their own posts.

EDUCATION

Master of Science in Computer Science University of Missouri – Kansas City, Kansas City, MO, USA	Jan 2022 – May 2023 GPA 3.8/4
Bachelor of Engineering in Computer Science Sathyabama Institute of Science and Technology, Chennai, TN, India	Aug 2017 – Jul 2021 GPA 4/4