

Krishna Simhadri

Software Developer

Location: Austin, TX | Phone: (669) 235-9645 | Email: simhadrikrishna009@hotmail.com | [LinkedIn](#)

SUMMARY

- With nearly 3.5+ years of experience, specializing in developing, testing, and implementing web-based and client/server applications across the SDLC and Agile methodologies.
- As Full stack developer with extensive Knowledge Working in Various Stack Such as Full Stack, Mean Stack with experience in Angular.js, Node.js, and React.js in all stages of Full Software Development Life Cycle (SDLC) in various Information Technology areas involving Java /JavaScript/ J2EE, SOA/Web services and Frameworks (Spring and Hibernate).
- Proficient in languages such as Java, JavaScript, and Python, with a deep understanding of object-oriented programming principles and design patterns.
- Proficient in front-end development using HTML5, CSS3, JavaScript, Angular, and jQuery, I also excel in Java/J2EE technologies like JSP, Servlets, JDBC, and frameworks like Hibernate, spring, and Spring Boot.
- Experienced in back-end development using frameworks like Spring Boot and Node.js, with expertise in RESTful API design and implementation.
- Additionally, I possess programming expertise in Python, Octave, and C, and have worked with MySQL, SQL Server, and AWS cloud services. Skilled in project management tools like Jira, source code version control with Git/GitHub, and collaborating effectively in multidisciplinary teams.
- Proficient in version control systems like Git and SVN, facilitating collaborative development and code management.

SKILLS:

Languages:	Java, Python (NumPy, Pandas, Scikit-Learn, and Matplotlib), C, Octave, and SQL
Frontend technologies:	HTML, CSS, Javascript, Angular, and jQuery
Frameworks:	Spring, Spring boot, React, Hibernate, and Flask
Databases:	MySQL, MongoDB, SQL Server, and NoSQL
J2EE Technologies:	JSP, Servlets, JDBC, MVC, Microservices, AJAX and JSON
Others:	Docker, AWS, and RESTful APIs
Tools:	Git, Github, Jira, Hadoop, Kafka, Spark, Tableau, Power BI, and MS Office suite
Methodologies:	SDLC, Agile, Scrum, and Waterfall
Operating Systems:	Windows, Linux, and Mac OS

EXPERIENCE:

CVS Health March 2023 - Present

Software Developer

- Implement all the functionality using Spring IO/Spring Boot and Hibernate ORM.
- Create the build, deployment, and configuration-related scripts for Maven.
- Utilize Hibernate and SQL for communication with the SQL Server database.
- Built Spring Boot microservices for the delivery of software products across the enterprise.
- Decompose existing monolithic applications into multiple microservices using Spring boot and Kafka.
- Develop custom components for CDC with J2EE, Spring, Hibernate and Java8
- Design components to extract and load data from the EPA website utilizing Spring and Hibernate.
- Use Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, created Pods, and managed using Kubernetes.
- Design, configure, and manage public/private cloud infrastructures using Amazon Web Services (AWS), which includes VPC, EC2, S3, Cloud Front, ELB and Elastic Beanstalk.
- Back-end coding and development using Java Collections including Set, List, Map, Multithreading, Servlet and Exception Handling.
- Work extensively on Spring boot for building web services
- New library development with a microservices architecture using REST APIs, Spring Boot
- Perform code review and unit-tested the application using the JUnit framework.
- Participate in the production support and maintenance of the project.

- Develop API for using AWS Lambda to manage the servers and run the code in AWS.
- Uses log4j to print the logging, debugging, warning, and info statements.
- Perform check-in check-out and review using pull requests with the GIT version control system.

Clairvoyant

Java Developer

May 2022 – Jul 2022

- Engaged in all phases of SDLC in involving specifications, gathering Requirements, Designing, Coding, Testing, Deploying, and Maintaining in implementing projects
- Participated in Scrum-related activities and daily stand-up meetings.
- In the Backend, have used J2EE technologies like Spring 4.0 framework, and implemented the Spring MVC and Spring Core Annotations for Dependency Injection (DI).
- Developed our application using features of Spring Boot.
- Used MYSQL as the backend database and was involved in the design of the database schema and development of Stored Procedures.
- Spring boot Microservices were developed with microservice architecture using Apache Kafka.
- Deployed the application on Amazon Web Services (AWS) and used it to provide a large computing capacity for scalable solutions.
- Used core Java concepts like Collections Framework, Exception Handling, I/O System, Multi-Threading, JDBC, and Generics.
- Created DML statements to insert/update data in the database and created DDL statements to create/drop tables to/from the SQL Server database.
- Features in developing the code like Lambda expressions, creating resource classes, and fetching documents from the database.
- Configured CI/CD (Continuous Integration/Deployment) pipeline for the automatic deployment of artefacts/applications to the required servers or environments in Jenkins CI, and Cleaned for the new build process whenever code commits are done to SCM tool Git.
- Developed reusable & interoperable Web service modules based on service-oriented architecture (SOA) by using RESTful services.

CueTech Systems

Jr. Software Developer

Jan 2019 – Dec 2020

- Developed Back-end on Spring Boot framework.
- Wrote DAO layer, required SQL queries and Spring Controller, Service, and Repository to handle data and requests to Spring Boot app.
- Used collection framework, required beans to store and pass data to front-end.
- Implemented database connectivity using the Spring JDBC framework.
- Worked on Angular JS Service which interacts with RESTful services at the backend.
- Assisted sr. developers by supporting design & coding and contributing to fixing bugs in existing websites.
- Wrote automation test scripts for Web App testing using Selenium WebDriver with TestNG framework.
- Involved in Client Interactions to gather the requirements for reports.
- Worked alongside end users to design, implement, and debug applications.
- Collaborated with the project development and Architecture team to conceptualize and conduct the complete range of tests at each stage of the software development lifecycle successfully.
- Developed MEAN STACK from scratch including MongoDB server setup and Express.js server development.
- Created Single Page Applications (SPA) that load a single HTML page using Angular and AJAX to generate continuous and responsive web apps, without page reloads, thus dynamically updating that page as the customers' side interacts with the app.
- Provided support to User Acceptance Testing and documented testing procedures.
- Responsible for debugging and troubleshooting the web application.
- Involved in the entire lifecycle of the project including Design, Development, Deployment, Testing, implementation, and support.

EDUCATION:

Master of Science in Computer and Information Systems
University of Texas at Arlington, TX

Jan 2021 – Dec 2022

Bachelor of Technology in Computer
Jawaharlal Nehru Technological University, India

Aug 2016 – Sep 2020