

Satyajeet Avinash Rankhamb

Software Development Engineer

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Summary

- 4+ years of Java Full Stack Development experience in all life cycle stages - Development, Implementation, and testing of web-based applications.
- Experienced in building RAG workflows at enterprise level
- Proficient in different SDLC (Software Development Life Cycle) including Requirement gathering, Analysis, DB Design, Coding, Testing, and implementation using Agile and Waterfall Models.
- Well-versed in the implementation of spring frameworks like Spring MVC, JSF, and Hibernate.
- Good understanding of developing apps using FastAPI
- Proficiency in developing Single Page Applications (SPA) & frontends using Reactjs, Nextjs & nodejs.
- Ability to use Python packages like Numpy, Pandas, and Tensorflow.
- Good knowledge of different development IDE tools such as VSCode, NetBeans and IntelliJ IDEA.
- Proficient in Java/J2EE technologies like Java, Servlets, JSP, JSTL, JDBC, multi-threading, MVC architecture, and Design Patterns.
- Well-versed in Web-design development using Adobe Dreamweaver, HTML, CSS, JavaScript, Bootstrap and Ajax, JSON, and XML.
- Capable of Version control and configuration management tools like Git, Gradle and Maven.

Skills

Methodology:	SDLC, Agile, Waterfall
Languages:	Core Java, Java 17, SQL, Python, Typescript, Bash
Frameworks/Libraries:	Spring MVC, Hibernate, React.js, SpringBoot, Microservices, Spring Security, Node.js, Django, FastAPI, Nextjs
IDE's:	NetBeans, IntelliJ IDEA, Eclipse, Visual Studio Code
Package & Tools:	Numpy, Pandas, Tensorflow, Figma
J2EE Technologies:	Servlets, JSP, JavaBeans, JDBC
Web Technologies:	HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, XML
Application Server:	Apache Tomcat, AWS, Azure
Database:	MySQL, MS SQL Server, PostgreSQL
Build /Other tools:	Maven, Gradle, JUnit, Jenkins,
Version Control Tools:	Git, GitHub, Jira, Trello
Operating Systems:	Windows, Linux, MacOS

Experience

USAA, TX | AAug 2023 - Current

Software Developer

- Involving in Requirements gathering, analysis, design, development, testing, and Maintenance phases with Agile
- Migrating existing applications into REST-based Microservices to provide all the CRUD capabilities using Spring Boot.
- Design the front end and back end of a GenAI MVP using FastAPI (Python)
- Using Junit to build unit tests for CI/CD pipeline.
- Create RESTful APIs in a Java environment using Spring boot.
- Design user interface and check validations using JavaScript, Reactjs, Nextjs & Figma.
- Develop several web pages using HTML, CSS, and JavaScript to perform checking and validations on the Client's side.

- Used Apache Tomcat (local server) to deploy the application and was responsible for developing integration tests for an AWS-hosted cloud application using TDD.
- Wrote database interaction code and used JDBC API to connect to MySQL.
- Collaborate code with other developers using Gitlab.

TopHat Software Technologies, India | June 2018 - Dec 2020

Java Full Stack Developer

- Utilized Software Development Life Cycle like Waterfall to configure and develop processes and standard procedures.
- Developed architecture to use Spring MVC and Hibernate components wired together by Spring Framework and set up application server deployment environments.
- Used NodeJS Frameworks in the development of web applications.
- Implemented Django framework to design server applications.
- Wrote a Python library built on NumPy and Pandas to detect errors on daily reports.
- Designed machine learning and deep learning models using TensorFlow.
- Created several custom tags for JSP for maximum re-usability for user interface components.
- Used React JS to create custom components for data manipulations and to display data in company standard format.
- Developed the presentation layer written using HTML, CSS, and client-side validations were done using JavaScript.
- Implemented Azure Storage, and Azure SQL Azure Services and developed Azure Web role.
- Designed and created SQL Server Database, Stored Procedures.
- Involved in JUnit Testing, debugging, and bug fixing.

Education

Master of Computer Science

The University of Texas, San Antonio, TX

Bachelor in Computer Science

University of Mumbai, Mumbai, Maharashtra

Certifications

AWS Certified Cloud Practitioner