

Sai Dinesh Reddy

(314)-220-8188 | dinesh.ykb53@gmail.com | [LinkedIn](#) | [Portfolio](#)

3+ years' Experience in developing and implementing software solutions to meet business objectives

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, NodeJS.

Frameworks: Spring MVC, Spring Boot, JSF, Hibernate, AngularJS.

IDE Tools: Eclipse, IntelliJ IDEA, Visual Studio Code.

Java Technologies: Java, J2EE, Servlets, JSP, JSTL, JavaBeans, JDBC.

Databases: Oracle, MySQL, Cassandra, MongoDB.

Web Application Servers: Apache Tomcat, WebLogic, Jetty.

Web Technologies: HTML5, CSS3, JavaScript, Angular, jQuery, AJAX, JSON, XML. ReactJS.

DevOps Tools: Docker, Kubernetes, Jenkins, Maven.

Development Methodology: SDLC, Agile, Waterfall.

AWS Technologies: S3, Athena, Glue, Lambda, SNS, SQS, Dynamo DB, CloudWatch, EC2, VPC, IAM, AWS Secret Manager, AWS EMR.

Version Control Tools: GIT, GitHub, GitLab.

Operating Systems: Windows, Linux, Ubuntu.

PROFESSIONAL EXPERIENCE

Missouri University of Science and Technology

Graduate Assistant

Rolla, MO

Jan 2024 – May 2024

- Achieved a 95% satisfaction rate among students by effectively resolving their queries and leading the implementation of innovative teaching strategies that increased engagement and participation.
- Produced course content, graded assignments and occasionally took classes for the subjects: Introduction to Java GUI & Visualization.
- Designed advanced and relevant assignments that resulted in a 15% improvement in student performance and engagement.
- IT Support for entire Computer Science department.

Cognizant Technology Solution (USA client: Emblem Health)

Programmer Analyst Trainee

Bengaluru, India

Aug 2021 – Jul 2022

- Developed web-based and server-side applications utilizing Java 8.
- Designed and implemented business-critical microservices using Spring Boot, ensuring modularity and scalability.
- Created front-end web pages with HTML5, CSS3, JavaScript, and frameworks such as jQuery, React.js, and Bootstrap.
- Led the integration of REST and SOAP APIs customized for client requirements, enhancing system interoperability and cutting manual data processing time by 50%, which ensured on-time project delivery.
- Engineered responsive design layouts using Bootstrap, ensuring cross-browser and device compatibility.
- Engineered DAO classes and constructed robust persistence layers using Hibernate, performing ORM mappings for associations, inheritance, and fetching strategies while managing second-level cache and executing CRUD operations.
- Integrated Spring Batch with Spring MVC and Spring Boot for enhanced transaction management, caching, and security in batch processing.
- Created interactive dashboards using React.js and Virtual DOM for dynamic UI rendering.
- Optimized infrastructure and operations through AWS services, EC2, IAM, including S3 and AWS Lambda, enhancing deployment consistency and reliability.
- Integrated AWS SQS with JMS to develop queues for event subscription and processing.
- Analyzed preexisting code and implemented test classes, increasing code coverage by 30% to meet the required 90% coverage target.
- Guided a group of 15 freshmen in knowledge transfer sessions for a month.
- Managed and efficiently resolved more than 36 user stories in the span of 6 months.

Maxicure Pharma Pvt LTD

Software Developer

Bengaluru, India

Jan 2019 – Jun 2021

- Proficient in web development utilizing HTML, CSS, JavaScript, React, Angular, AJAX, JSON, and RESTful APIs.
- Expert in crafting responsive design layouts with Bootstrap to ensure compatibility across multiple browsers and devices.
- Enhanced Java-based applications using MySQL, Spring Boot, Kubernetes, Docker, and Gradle, boosting performance and scalability.
- Resolved complex software challenges, delivering robust and efficient solutions.
- Actively engaged in Agile ceremonies such as daily stand-ups, sprint planning, and retrospectives, promoting an iterative and effective development process.

- Experienced in designing databases using MySQL and PostgreSQL.
- Successfully orchestrated application deployment and management with Kubernetes and Docker, enhancing deployment efficiency and scalability.
- Established CI/CD pipelines to automate build, test, and deployment processes, accelerating release cycles and reducing manual errors.
- Conducted thorough code reviews, providing constructive feedback to improve code quality and maintainability.

CERTIFICATION

- AWS Cloud Practitioner.
- AWS Developer Associate.

EDUCATION

Missouri University of Science and Technology – Rolla	Rolla, MO
<i>Master of Science in Computer Science, GPA: (3.7/4.0)</i>	Aug 2022 – May 2024
Jawaharlal Nehru Technological University (JNTUHCCEH)	India
<i>Bachelor of Technology in Electronic & Communication Engineering, GPA: (9.1/10)</i>	Aug 2017 – May 2021