

Venkata Reddy Bhimireddy

(317) 419-8533 | bhimireddyvenkatreddy2@gmail.com | GitHub | LinkedIn | Indianapolis

EDUCATION

Indiana University Purdue University Indianapolis
Computer and Information Science - Master of Science

May 2025

Vasireddy Venkatadri Institute of Technology
Computer Science and Engineering - Bachelor of Technology

July 2022
GPA: 3.3/4.0

SKILL & OTHER

Programming: Java, Python, C++, C, C#(.NET), Relational Database(SQL, MYSQL, Oracle, Postgres), NOSQL,T-Sql

Web Technologies: HTML, CSS, Angular Js, React Js, Rest API, JavaScript, Typescript, PHP

Tools: Eclipse, Spring Tool Suite, Git, GitHub, Visual Studio Code, Cloud - AWS, Postman, MS Word

Others: Data Structures & Algorithms, Spring Boot, Operating Systems, Backend, OOPS, Design Patterns, MVC

Certifications: Infosys Certification, Covid-19 Detection and Visualization Published by IEEE

PROFESSIONAL EXPERIENCE

Cognizant Technology Solutions, Hyderabad | Jr.Software Engineer

August 2022 - July 2023

- Collaborated with QA teams to enhance test coverage, resolving reported issues and reducing bug resolution time by 30%.
- Crafted features with Spring Boot and Angular for user-friendly and responsive design. Validating REST web services with Postman for precise data exchange and interoperability.
- Implemented Mockito and JUnit test frameworks to execute comprehensive unit tests, resulting in a 40% reduction in critical software bugs and enhancing overall system resilience.
- Overhauled internal UI, boosting system efficiency through streamlined retrieval of user data from a database, resulting in a 7% reduction in load and operation times.
- Facilitated knowledge sharing and onboarding for new team members by documenting technical designs, implementation details, and user guides.
- Received a salary increase within 8 months due to exceptional performance and significant organizational impact, earning a perfect 5 out of 5 rating.

PROJECTS

Toll Bill Generator | Java, Spring Boot, Angular JS

- Oversaw the creation of an online application for toll users and led a team of three individuals from different departments.
- Leveraged Spring Boot, REST Web Services, and AngularJS within Docker environments to design and deploy applications, resulting in a 40% increase in functional capabilities.
- Pioneered and implemented a new admin panel, thereby boosting internal operational efficiency to 79 %.

Bank Web Application | Java, Spring Boot, React JS

- Developed application using Java Spring Boot and React.js, leading to a seamless user interface and increasing user satisfaction by 20% through intuitive design and streamlined functionality.
- Enacted user authentication via JSON Web Token, leveraging Restful API and Java Spring Boot for backend infrastructure, with React.js complementing on frontend interface.

Java Online Store RMI | Java, Distributed Systems

- Developed an RMI-based Java online store application that facilitates client-server network communication, with features such as product browsing, cart management, and secure order processing.
- Engineered the application using OOP principles and SOLID standards, achieving high modularity and easy maintenance, while enabling effective code reuse and clear class responsibility separation.
- Implemented a robust and scalable distributed system with Java RMI, enhancing remote method execution efficiency and reinforcing the security of network communications.

PUBLICATIONS & CERTIFICATIONS

- Developed CNN-Based COVID-19 Detection and Visualization, featured in IEEE .
- INFOSYS CERTIFIED SOFTWARE PROGRAMMER from Infosys Technologies Private Limited.