

Haswanth Panguluri

+1 (323)-432-0110 || Haswanth14@outlook.com || [LinkedIn](#) || [Portfolio](#)

WORK EXPERIENCE

Java Full Stack Developer | Morgan Stanley | New Jersey | Sept 2022 – April 2024

- Designed and developed RESTful APIs using Java and Spring framework, resulting in a 30% increase in transaction processing efficiency.
- Built and implemented a web application on the client side using React, integrating React Hooks to manage complex state management and handle side effect efficiently resulting in a 40% reduction in load time.
- Deployed applications using CI/CD pipelines with Jenkins and microservices into Docker containers on AWS EC2.
- Applied Performance tuning techniques, achieving a 25% reduction in average response time and a 20% improvement in throughput.
- Created database functions, scripts, stored procedures, and triggers to optimize application performance and scalability.
- Executed unit and integration tests with JUnit & Mockito, achieving 95% test coverage.
- Leveraged Apache Kafka message brokers to enable communication between various APIs, increasing scalability by 50%.
- Resolved SonarQube and Fortify issues by fixing errors, resulted in 98% reduction in vulnerabilities.
- Streamlined project workflows by using Maven to build, execute, and generate JAR and WAR files, and automated deployment builds using Groovy scripting, resulting in a significant 40% reduction in deployment time and improved overall project efficiency.
- Ensured quality, security and compliance requirements of delivery, provided L-3 application support, resolving 95% of escalated issues.

Frontend Software Engineering Virtual Experience Program | Skyscanner | Jan 2024

- Built a responsive web application using React 16 and Vite.js to deliver a high user experience.
- Created a page for selecting travel dates using Skyscanner's open-source Backpack React library.
- Customized the application and performed automated tests on 40 scenarios to ensure proper rendering.

Associate Software Engineer | Union Bank of India | Hyderabad | June 2019 – July 2021

- Refactored an existing application into React using hooks, Redux, Material-UI, Node.js, and other libraries, improving readability, performance, and efficiency by 80%.
- Utilized Microservices with Spring Boot to enable RESTful interactions, resulting in a 40% increase in API response times.
- Employed Core Java for backend data manipulation and transfer, improving overall system efficiency by 25%.
- Utilized Spring MVC form tags to automate data handling from Beans, reducing manual effort by 40%.
- Applied advanced Java concepts including Collections, Multithreading, Singletons, Generics, and Interfaces to develop robust and scalable code.
- Enhanced Kafka cluster efficiency, slashing CPU usage by 50% and lowering memory consumption by 25%.
- Troubleshoot applications, identified bottlenecks and bugs for a 20% improvement in system stability.
- Conducted full testing including User Acceptance Testing, Functional testing and performance testing to ensure reliability.

PROJECTS

Game Hub [\[Website\]](#) [\[GitHub\]](#)

Innovated a feature-rich web app using React, TypeScript, Chakra UI to help users to discover new and interesting games. The app enables users to search, filter and explore games by platform, genre and more.

E-commerce [\[GitHub\]](#)

Developed a robust User Management system using the MERN stack (MongoDB, Express.js, Mongoose, and Node.js). The system provides CRUD operations and enhanced data security with bcrypt.js encryption, strengthening protection against unauthorized access and breaches.

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, Typescript

Frameworks and Libraries: Spring, Spring Boot, Hibernate, JSON, Node js, jQuery

UI technologies: HTML, CSS, JavaScript, Bootstrap, React

Databases: MySQL, SQL Server, MongoDB, Oracle (NoSQL)

Tools and concepts: Maven, Docker, Jenkins, Git, Agile Methodologies, Unix, JIRA, JUnit, OOP, Data Structures, Design patterns

Certifications: Postman API Student Expert, Google IT Support, AWS Cloud Native Fundamentals

EDUCATION

MS, Honors Computer Science, Kent State University, OH, Dec 2022

BTech, Honors Information Technology, RVR and JC College of Engineering, AP, Sept 2020