HASWANTH PANGULURI

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PROFESSIONAL SUMMARY

Multi-disciplined Java Full Stack Developer with experience in designing and developing RESTful APIs, web applications, and microservices using Spring Framework, React, and Docker. Proficient in Agile methodologies, CI/CD pipelines, and performance optimization techniques. Passionate about delivering high-quality, scalable solutions and continuously improving development processes.

EDUCATION

MS, Honors Computer Science, Kent State University, OH, Dec 2022
BTech, Honors Information Technology, RVR and JC College of Engineering, AP, Sept 2020

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, Typescript
Frameworks/Libraries: Spring, Spring Boot, Hibernate, JSON, Node js, jQuery
UI technologies: HTML, CSS, JavaScript, Bootstrap, React
Databases: MySQL, SQL Server, NoSQL (MongoDB)
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

WORK EXPERIENCE

Java Full Stack Developer , 09/2022 – 04/2024
Client - Morgan Stanley

- Designed and developed RESTful APIs for financial clients 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.
- Deployed the applications using CI/CD pipelines with Jenkins and microservices into Docker container on AWS EC2.
- Implemented Performance tuning techniques, achieving 25% reduction in average response time and 20% improvement in throughput.
- Executed Unit and Integration tests with Junit & Mockito, achieving 95% test coverage
- Resolved SonarQube and Fortify issues by fixing errors resulted in 98% reduction in vulnerabilities.
- Followed Agile methodology, participated in daily Scrum meetings, sprint planning, showcases and retrospective, and utilized JIRA as a tracking tool for the sprints.

Frontend Software Engineering Virtual Experience Program, 01/2024
Skyscanner

- Built a responsive web application using React 16, Vite.js to deliver a highly user experience.
- Developed a page for picking travel dates using Skyscanner's open-source Backpack React library.
- Customized the application and ran automated tests to ensure proper rendering.

Associate Software Developer, 01/2019 - 07/2021
Steadfast Technologies, Hyd

- Involved in various phases of Software Development Life Cycle (SDLC) of the application including requirement gathering, design, analysis and code development.
- Utilized Microservices architecture with Spring Boot for RESTful interactions.
- Employed Core Java for manipulating and transferring data in the backend.
- Optimized resource utilization within Kafka clusters resulting in 50% decrease in CPU usage and 25% reduction in memory consumption.
- Applied Kanban methodology for software development.
- Conducted User Acceptance Testing ,Functional testing and performance testing ensuring reliability.

ACADEMIC PROJECTS

Game Hub   [Website] [GitHub]

Developed a video game web app using React, TypeScript, Chakra UI that helps to find new and interesting games, search for games by platform, genre and more.

E-commerce   [GitHub]

Built a secure User Management system using the MERN stack integrating MongoDB for database management, Express.js for server-side operations, Mongoose for streamlined database modeling, and Node.js for server runtime. This supports CRUD operations and Strengthens data protection with bcrypt.js encryption.