Haswanth Panguluri

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SUMMARY

Accomplished Java full-stack developer with over 3 years of expertise in the SDLC. Possesses comprehensive knowledge of Java/J2EE technologies, including Hibernate, Servlets, AJAX, JDBC, JavaBeans, JSON. Proficient in integrating frameworks such as Spring, Hibernate, Node.js, React.js, and Django, including DevOps for full-stack development.

Skilled in utilizing AWS SDKs/APIs, CloudFormation, and establishing CI/CD pipelines through Git, Jenkins, and AWS Code Pipeline. Experienced in web technologies and software tools, including Docker, Git, and Jenkins.

EDUCATION

Kent State University, Kent, OH   Aug 2021 – Dec 2022
Master of Science in Computer Science*, **CGPA: 3.89**

RVR & JC College of Engineering, AP, India   July 2016 **–** Sept 2020
Bachelor of Technology, Information Technology*, **CGPA: 7.8**

PROFESSIONAL EXPERIENCE

Magtech, NJ   Sept 2022 – Mar 2024
Software Developer

- Implemented responsive web designs using **React.js** and **Vite.js** for single-page applications, optimizing code clarity and recyclability, resulting in a **40% reduction** in load time and a **25% increase in user engagement** metrics.
- Deployed Spring based micro services into **Docker** container on Amazon EC2, improving decentralization and **enhancing flexibility by 2x.**
- Developed complex multi-page forms integrated with **React Router**, resulting in a **50% reduction** in form desertion rates.
- Showcased strong Object-Oriented design skills, employing concepts like **Multi-threading**, Serialization, Collections, etc., resulting in reusable code and a **20% performance enhancement**.
- Implemented **MongoDB**'s data schema using **Node.js** for backend services achieving a **20% query performance boost** and 30% reduction in database response times, ensuring comprehensive testing with **JUnit**.
- Reduced the **processing time** for orders by approximately **80% by using multi-threading**.
- Utilizing **jQuery** to make asynchronous requests to the server, improving **data fetching efficiency by 7%.**
- Implemented Unit and Integration tests with **Junit** & **Mockito** to achieve **95% test coverage**.
- **Migrating applications** to the cloud, integrating robust version control through **Git** and establishing seamless **CI/CD** pipelines with **AWS Code Pipeline** and **Jenkins, reducing deployment time by 25%.**

Steadfast Technologies, Hyd, India   Jan 2019 – Jul 2021
Associate Software Engineer

- Improved UI layer with Flex and business layer with **Spring MVC**, resulting in **40% reduction** in page load times, implemented persistence layer using **Hibernate** leading to a 30% increase in database access efficiency.
- Created, designed, and maintained **web applications** using jQuery, AngularJS, React, and Node.js, ensuring the implementation of high-quality code and achieving a **10% improvement in system performance**.
- Employed **React Hooks** for efficient state and side effect management resulting in **25% decrease** in side effect complexities. Utilized **React.js** to create reusable UI components, **enhancing compilation speed** and reusability.
- Constructed scalable and highly available **Java-based microservices** deployed on **AWS Lambda** and **EC2** instances.
- Utilized **AWS SDKs** and APIs to integrate AWS services like S3, **DynamoDB**, and SQS into Java applications, **resulting in 30%improvement** in data storage, retrieval, and messaging capabilities
- Implemented **infrastructure as code** (IaC) using AWS CloudFormation to define and provision AWS resources for projects, ensuring consistent and repeatable deployments, which leads to **75% decrease** in deployment errors.
- Automated unit and integration tests using **JUnit**, resulting in an **8% improvement** in code quality and reliability.

Inspironiks Ltd, Hyd, India   Mar 2018 – Aug 2018
Jr Software Developer

- Developed **RESTful APIs** with **Spring Boot**, achieving **a 40% reduction** in response times and 50% increase in throughput.
- Collaborated with the team to create an employee outing planning application, employing **Oracle DB** for dependable data storage. Achieved a 25% reduction in planning time and a 30% increase in team engagement through seamless functionality implementation.
- Designed web interfaces and business logic using **Spring JDBC**, JSP, Servlets, **REST web services**, **JavaBeans**, Java Script, and HTML. **Achieved 50% reduction** in API response times, resulting in enhanced user experience and increased system efficiency.
- Used **Angular** form validation & customized validations to validate user input & improves user experience.
- Created 100+ automated test scripts to test application frontend and backend using **Selenium**.

TECHNICAL SKILLS

- **Languages**:   Java, Python, SQL, C , C++, Typescript
- **Database Systems**:   MySQL, SQL Server, Oracle DB, NoSQL (DynamoDB, MongoDB, Mongoose)
- **Frameworks/Libraries:**   Spring MVC, Spring Boot, JSF, Hibernate, Node.js, ReactJS, Soap, Django, Angular
- **IDE**:   Eclipse, IntelliJ, VS Code, WebStorm, Docker, Sublime, PyCharm, Codux
- **J2EE Technologies:**   Servlets, JSP, JSTL, JavaBeans, JDBC
- **Web Technologies:**   HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, XML, JSP
- **Software and Tools:**   Maven, Docker, Tableau, Jenkins, Git, Agile Methodologies, Gradle, Unix, JIRA, SonarQube, Apache Kafka
- **Web Containers:**   WebLogic, Apache Tomcat, Apache HTTP Server
- **Concepts**:   OOP (Object-Oriented Programming), Data Structures, Algorithms, MapReduce, Design patterns
- **Certifications:**   AWS Cloud Native, Postman API Student Expert, Google IT Support