

PRAVEENRAJ R

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Skills

Languages: Java, Spring Boot, Hibernate, JPA, JavaScript, SQL, HTML, CSS3, Bootstrap5, ReactJS

Technologies & Tools: Microservice, Junit, Mockito, Git, Maven, Gradle, PostgreSQL, Kafka, Spring, CICD, GCP, Azure DevOps, Jenkins, GitAction, Kubernetes, Docker, Windows, Linux, MacOS

Work Experience

Qbrainx Inc, Coimbatore

Mar 2022 - Present

Junior Java Developer

- **Developed and optimized RESTful APIs** for a job portal application, achieving a **90% software performance improvement** and ensuring seamless integration with external services.
- **Collaborated with stakeholders** during backlog grooming meetings, providing critical input on user stories, which **decreased revision requests by 40%** and refined **project timelines**.
- Executed advanced search and filtering functionalities, enhancing **query accuracy** and reducing **response times by 85%**, significantly improving user experience.
- Generated and implemented unit and integration tests using JUnit and Mockito, **achieving 95% test coverage** for critical modules, which **reduced bugs in production by 30%** and ensured robust application reliability.
- Led and optimized all stages of the Software Development Life Cycle (SDLC), from requirement gathering to deployment and support, achieving a **30% improvement in project efficiency** and ensuring **high-quality deliverables**.
- Java, Spring Boot, Hibernate, JPA, Kafka, MSSQL, PostgreSQL, Cassandra, ReactJS, Jenkins CI/CD, Docker, Kubernetes, RKE Cluster, GKE Cluster, Azure DevOps, Prometheus, Grafana, Git, Maven, Gradle, Shell Scripting.

Project Work

FlexCub

Oct 2022 - Present

- Formulated comprehensive onboarding features within the application that enhanced client engagement rates, **leading to positive feedback from over 200 users** during pilot testing phase regarding usability improvements related directly tied to minimized complexity.
- Constructed and delivered high-quality technical solutions, implementing best practices for code optimization and modularization, leading to a **25% improvement in code maintainability** and faster development cycles.
- Achieved seamless integration of Java-based applications with databases and APIs, reducing bugs by **35% through extensive unit testing** and collaboration with QA teams for enhanced product quality.

Automated Infrastructure and Monitoring

Jan 2023 - April 2023

- Spearheaded and maintained a total of 4 CI/CD Jenkins pipelines and Azure DevOps workflows that automated software builds, **reducing deployment time by an impressive 40 hours** per month while enhancing release consistency.
- Deployed and designed advanced automated monitoring solutions for Kubernetes clusters, facilitating real-time alerts and performance metrics tracking, which **improved overall software reliability by 40%**.

Education

KSR College Of Engineering, Namakkal

July 2016 - Sep 2020

B.E. in Computer Science and Engineering

CGPA: 8.02/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

Achievements and Certificates

- **Coding Star award** for making major improvements to Kubernetes cluster management procedures; worked closely with cross-functional teams during development stages to reduce incident response time by 50%.
- **Mentor at Scaler Academy:** Created and applied a comprehensive curriculum for coding and system design, incorporating real-world challenges; led to a 40% improvement in students' technical assessments over a semester.