Ajay Raghuwanshi
Full Stack Java Developer

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Professional Summary

I'm a Full Stack Java Developer with over 8+ years of experience specializing in Java development and cloud computing using AWS. I enjoy building scalable, reliable applications and have worked with tools like Spring, Hibernate, and various AWS services, including EC2, S3, Lambda, and RDS. I'm passionate about creating efficient solutions, whether it's designing APIs, implementing microservices, or managing databases. I thrive in team environments where I can lead projects, mentor others, and contribute to delivering impactful software that solves real-world problems.

Technical Skills

Languages/Frameworks: JAVA-J2EE, Spring, Hibernate, Spring Boot, Micro-services / HTML, React.JS, JS
Build Tools: ANT, MAVEN, Gradle
Configuration Management Tools: Chef, Puppet, Ansible
Monitoring Tools: Spring Actuator, Grafana, Splunk, Nagios, ELK
Version Control Tools: SVN, GIT, GIT Hub, Bit Bucket
Databases: Oracle, MySQL, PostgreSQL, DynamoDB, NoSQL
Cloud Environments: AWS, Azure, On-Premise
Containerization Tools: Docker, Kubernetes
Web Servers: Tomcat, JBOSS, Apache, Web Sphere, WebLogic
Bug Tracking Tools: JIRA, Bugzilla, ServiceNow, Remedy

Professional Experience

Full Stack Java Developer || Innova ESI || March 2025 - July 2025

- Developed scalable, high-performance backend services using Java, Spring Boot, and RESTful APIs to support business-critical applications.
- Developed dynamic and responsive user interfaces using React, integrating RESTful APIs from the Java backend to ensure seamless data flow and optimized user experience.
- Integrated microservices architecture with CI/CD pipelines using Jenkins and Git, ensuring smooth deployment and version control.
- Implemented database design, optimization, and data access layers using Hibernate/JPA with Oracle/MySQL/PostgreSQL.
- Ensured code quality by writing unit and integration tests using JUnit and Mockito, maintaining high test coverage.
- Optimized SQL queries and implemented caching strategies using Redis to enhance application performance and reduce latency.
- Led troubleshooting and performance tuning in production environments to ensure system stability and quick issue resolution.
- Collaborated with cross-functional teams in Agile/Scrum environments, participating in sprint planning, daily stand-ups, and code reviews.
- Worked on containerization and deployment using Docker and Kubernetes for scalable and reliable application delivery.
- Mentored junior developers, conducted code reviews, and shared best practices to improve team productivity and code quality.
- Implemented security best practices including OAuth2, JWT, and role-based access control in Spring Security for application security.
- Configured and managed cloud services (AWS/Azure) for application hosting, storage, and monitoring to ensure high availability and scalability.

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- Spearhead large-scale migrations from monolithic architectures to microservices, ensuring minimal downtime and improved system scalability.
- Drived the adoption of DevOps practices by automating CI/CD pipelines with tools like Jenkins, GitLab, AWS CodePipeline.
- Utilized containerization and orchestration tools like Docker and Kubernetes for scalable and efficient application deployment.
- Integrated AKS deployments into CI/CD workflows using Azure DevOps or GitHub Actions for automated testing and deployment.

- Used RabbitMQ to enable asynchronous communication between microservices, ensuring decoupled and scalable architectures.
- Developd and optimized RESTful APIs and web services to ensure seamless integration and communication across systems.
- Developed high-performance applications using Java and HTML, optimizing code for maintainability and scalability.
- Used JUnit and Mockito to simulate complex backend scenarios, ensuring edge cases and failure conditions were thoroughly tested.
- Managed relational and NoSQL databases, including Oracle, MySQL, DynamoDB, PostgreSQL, and SQL Server, for efficient data storage and retrieval.
- Automated infrastructure deployment and configuration with tools like Chef, Puppet, and Ansible, reducing manual effort and errors.
- Managed source code using Git, GitHub, and SVN, enabling efficient collaboration and version control.
- I used the AWS SDK for Java to easily connect my applications to AWS services, handling tasks like file storage in S3, database operations in DynamoDB, and monitoring with CloudWatch.
- Configured and maintained web servers such as Apache, Tomcat, JBOSS, WebSphere, and WebLogic to support diverse application needs.
- Utilized bug-tracking tools like JIRA, Bugzilla, and ServiceNow to track, prioritize, and resolve issues effectively.
- Automated resource provisioning and management using CloudFormation and IAM policies.
- Designed and implemented microservices using Java and frameworks like Spring Boot, ensuring loosely coupled, independently deployable modules.
- Integrated Apache Kafka with Java Spring Boot microservices for real-time asynchronous communication and decoupled architecture.
- I designed serverless architectures with AWS Lambda, integrating it seamlessly with services like S3, DynamoDB, and SNS to build scalable workflows.
- Built and customized Grafana dashboards to give clear, visual insights into the performance and health of Java applications, using graphs, heatmaps, and tables to display key metrics.

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- Lead the design and architecture of complex Java-based systems, ensuring they are scalable, maintainable, and aligned with business requirements.
- Built and optimized micro-services using Java frameworks like Spring Boot, focusing on modularity, performance, and ease of deployment.
- Implemented state management with Redux and React hooks to enhance application performance, maintainability, and scalability across complex web modules.
- Develop cloud-native applications with Java, leveraging platforms like AWS, Azure and integrating with services such as EC2, S3, RDS, or DynamoDB for scalable, secure cloud architectures.
- Designd and implemented RESTful APIs in Java to enable smooth communication between microservices and third-party systems, ensuring that data flows efficiently and reliably across different services.
- Configured Maven to automate the build lifecycle, including compilation, testing, packaging, and deployment of Java applications.
- Lead the adoption of test-driven development (TDD) within the team, using JUnit, Mockito, and other frameworks to ensure the software is thoroughly tested and of high quality before release.
- Integrate robust security features into Java applications, including secure authentication (OAuth2, JWT), encryption, and data protection to safeguard sensitive information and protect against potential vulnerabilities.
- Design and manage sophisticated database transactions in Java, ensuring that data is accurate, consistent and optimized in both relational and NoSQL databases like MySQL and MongoDB.
- Created Kafka producers to emit events (order events, user activities) and consumers to process events in real-time.
- Set up Grafana with Prometheus to monitor Java applications in real-time, using alerting features to notify teams about performance issues, high error rates, or critical system failures.
- Designed and maintained distributed Java systems that use tools like Kafka or RabbitMQ to create event-driven architectures, enabling real-time data processing and seamless communication across services.
- Integrated Prometheus with Java applications using the Prometheus Java client to expose custom metrics and monitor the health of Java services in real time.

Education

MCA - RGPV, Bhopal (M.P.) - 2017