

Summary

- Around 4 years of experience in designing, developing, implementing, and maintaining software applications using Java/J2EE technologies such as Servlets, JSPs, Hibernate, Spring MVC, Struts, and JPA, with a strong understanding of SDLC methodologies.
- Proficient in analyzing and translating business requirements into scalable, high-performance software solutions, applying object-oriented programming (OOP) principles and RDBMS best practices.
- Hands-on experience implementing MVC architecture, utilizing frameworks like Spring MVC and JSF to develop modular and maintainable applications.
- Expertise in building multi-tier applications using modern web technologies, including Spring Boot and Spring MVC, ensuring scalability, maintainability, and optimized performance.
- Extensive experience developing and integrating RESTful and SOAP-based web services, facilitating seamless system communication and third-party API integrations.
- Strong database management skills, including schema design, query optimization, and stored procedure development using Oracle, PostgreSQL, MySQL, SQL Server, and MongoDB to enhance data consistency and application performance.

Skills

Programming Languages: Java, Python, C#, JavaScript, TypeScript, PHP, SQL, C++, Ruby

Frameworks and Libraries: Spring, Spring Boot, Hibernate, Flask, Django, React.js, Vue.js, Express.js, Node.js, .NET Core, ASP.NET MVC, Tailwind CSS, Bootstrap

Web Development: HTML5, CSS3, JavaScript, AJAX, JSON, RESTful APIs, SOAP APIs, WebSockets

Databases: MySQL, SQL Server, PostgreSQL, Oracle, MongoDB, Cassandra, DynamoDB

Query Tools: PL/SQL, T-SQL

Cloud Platforms: EC2, S3, Lambda, RDS, CloudFormation, IAM, EFS, Route53

Microsoft Azure: Azure Functions, Azure Data Factory, Azure Synapse, GCP (BigQuery, Cloud Storage)

Tools: Jenkins, GitLab CI/CD, Docker, Kubernetes, Ansible

Version Control: Git, GitHub, GitLab, Bitbucket

Containerization: Docker, Docker Compose

Big Data and Analytics: HDFS, MapReduce, Spark, Hive, Pig, Tableau, Power BI, Pandas, NumPy, SQL

Testing and Debugging: JUnit, XUnit, TestNG, Selenium, Postman, SOAP UI, Cucumber, Robot Framework

Microservices and Architecture: Microservices, Serverless Architecture, SOA, Kafka, RabbitMQ, ActiveMQ

Tools and IDEs: IntelliJ IDEA, Eclipse, Visual Studio, VS Code, PyCharm

Collaboration Tools: Jira, Confluence, Trello, Slack

Operating Systems: Windows, Linux/Unix, MacOS

Experience

McKinsey & Co. | Software Developer

Apr 2024 – Present

- Engineered a highly scalable microservices architecture using Spring Boot and Docker, enhancing system scalability by 40% and reducing infrastructure costs by 25% through efficient resource allocation and containerization.
- Developed dynamic front-end applications with React.js, Vue.js, and Angular, improving user engagement and enhancing the user experience by 30% through optimized UI/UX design and responsiveness.
- Incorporated AWS services such as EC2, S3, Lambda, and CloudWatch for scalable application deployment and proactive monitoring, ensuring high availability and performance.
- Spearheaded the development of CI/CD pipelines with Jenkins and Docker, reducing software release times by 50% and accelerating the product development lifecycle.
- Designed and implemented a high-performance data processing system using Python and MySQL, optimizing data retrieval by 35% and improving operational efficiency by 50% through automation and streamlined workflows.
- Managed the migration of legacy systems to cloud-based solutions on AWS and Azure, boosting system performance by 25% and reducing infrastructure overhead.
- Integrated GraphQL into front-end applications, improving data-fetching efficiency and reducing redundant network requests by 20%, resulting in faster load times and enhanced performance.
- Automated testing and continuous integration using JUnit and Jenkins, achieving 95% test coverage and significantly reducing

production bugs.

- Conducted code reviews and mentored junior developers, improving team productivity by 30% and ensuring high code quality standards.

CueTech Systems, India | Associate Java Developer

Apr 2020 - Jan 2023

- Developed and maintained scalable Java applications using Spring Boot and Hibernate, ensuring optimal performance and reliability.
- Designed and implemented RESTful APIs to enable seamless communication between microservices, enhancing application modularity and scalability.
- Optimized SQL queries and database operations in MySQL and Oracle, reducing query execution times by 30% and improving data handling efficiency.
- Managed containerized applications with Docker & Kubernetes, optimizing deployment pipelines, achieving seamless scaling, and reducing infrastructure overhead by 30%.
- Deployed backend services on AWS and Azure, utilizing EC2, Lambda, API Gateway, and Azure Functions, leading to a 35% reduction in infrastructure costs and improved scalability.
- Performed rigorous unit testing with JUnit and Mockito, achieving 95% code coverage and ensuring high-quality software delivery.
- Streamlined CI/CD pipelines using Jenkins, automating build and deployment processes and reducing release cycles by 40%.
- Collaborated with cross-functional teams to gather requirements, troubleshoot issues, and deliver solutions aligned with business objectives.

Projects

Student Survey | Independent Project

Aug 2023 - Dec 2023

- Built a survey application with AngularJS frontend and SpringBoot backend, enabling real-time submissions and visualization, which streamlined survey processing for 500+ users across multiple teams.
- Migrated a legacy application from AngularJS to ReactJS, enhancing performance by 30% and improving user experience through optimized rendering and secure API integration for seamless frontend-backend communication.

Token Authentication | Capstone Project

Aug 2021 – Dec 2021

- Created an Android banking application with core features like balance checks and transaction history, serving 5,000+ users and improving transaction visibility by implementing a secure token-based authentication system.
- Designed a scalable backend using SpringBoot microservices, ensuring modular architecture and optimizing the application for seamless navigation, which enhanced user experience and reduced task completion times by 25%.

Education

Master of Computer Science

George Mason University, Fairfax, VA

Jan 2023 – May 2024

Bachelor of Computer Science and Engineering

Guru Nanak Institute of Technology, Hyderabad, Telangana

Aug 2018 – Aug 2022

Certifications

MERN Stack Fundamentals by Great Learning

AWS Certified Solutions Architect – Associate