

Sai Kiran

Senior Full Stack Java Developer

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### PROFESSIONAL SUMMARY:

- Interactive Java Developer with **8** years of experience in Software Design, Development, Implementation, Testing, and Documentation of Web and client Server Applications using Java/J2EE technologies.
- Strong experience in different phases of the Software Development Life Cycle (SDLC), including Design, Implementation, and Testing during the development of software applications.
- Hands-on experience in Server-side scripting languages and Client-side scripting languages like **HTML5, CSS3, JavaScript, jQuery, JSON, Bootstrap, AngularJS, Angular, React.js, and Node.js**.
- Skilled Java/J2EE developer with experience building N-tier applications using Web Services, Servlets, JSP, JDBC, JMS, and Struts. Proficient in frontend technologies like HTML5, CSS3, JavaScript, AngularJS, and jQuery. Strong understanding of Agile development, Core Java, and JEE, with experience in writing functional and technical specifications.
- Expertise in **Java** programming and a good understanding of **OOPs, Collections, Exception Handling, Input/Output (I/O) Systems, Annotations, Concurrency, Multi-Threading, Lambda, and Generics**.
- Strong front-end GUI wireframing/prototyping skills using scripting languages like **JSP, JavaScript, PHP, and PERL**. Experience in building isomorphic applications using **React.js** and **Redux** with **GraphQL** on the server side. Experience in working with GraphQL queries and using the **Apollo GraphQL** library.
- Extensive experience in building single-page applications (SPA) using frameworks like AngularJS and Custom MVC frameworks.
- Experienced with **J2EE** Design Patterns such as **MVC using Struts and Spring Framework**, Session Façade, Business Object (BO), Service Locator, Data Access Object (DAO), Data Transfer Object (**DTO**), Singleton Pattern, and Front Controller.
- Expert in developing and deploying scalable Java applications on **Azure**, with proficiency in utilizing **Azure** App Services and **Azure** Functions for optimized cloud-native solutions.
- Skilled in automating continuous integration and deployment pipelines for Java applications using **Azure** DevOps and **Jenkins**, significantly improving development efficiency and product reliability.
- **Spring Security** integrates with **Spring applications** to secure **REST APIs**, offering features like authentication, authorization, and protection against common vulnerabilities.
- The client and server are independent. The client interacts with the server through the API and does not have to know about the server's internal workings.
- Experienced in architecting and implementing **Azure Service Offerings**, ensuring secure and compliant systems on the **Azure Cloud** platform.
- Good experience in various modules of **Spring Framework** like **Spring IOC, Spring MVC, Spring Batch, Spring ORM, Transaction Management, Spring Security and Spring Boot, and Spring Data**.
- Expertise in implementing the persistence logic using **JDBC, JPA, Spring JDBC, and Hibernate** framework.
- Experience in unit testing frameworks such as **Jasmine, Protractor, Karma, JUnit, and Quit**.
- Experience in implementing **microservices** using **Spring Boot** applications. Experiences with build tools including **Maven, Gradle, and Jenkins. Version**.
- Experience with database management like **Oracle, SQL Server, MySQL, MS Access, and NoSQL MongoDB, Cassandra**.
- Expertise in coding optimized **SQL** queries, PL/SQL Stored Procedures, Functions, Packages, and Triggers on databases like **MySQL, SQL Server, and Oracle**.
- Experience with messaging systems like **Kafka, Kafka event sourcing, ActiveMQ, and RabbitMQ**.
- Proficient in creating Angular factories for using Angular services to make **RESTful** API calls to the Java-based backend.
- Experience with **Responsive Web Design (RWD)** with involvement in several web application development projects.
- Performed **SOAP** API testing using **SoapUI** and **REST API** testing using Postman. Rest API Testing (Postman and Rest Assured Automation).
- Experience in **DOM** (Document Object Model) and DOM functions to use in interacting with objects in **HTML, XHTML, and XML** documents.

- Collaborated with design and backend teams to implement **frontend features** using component-based architectures and **state management tools** like Redux or Context API.
- **Implemented scalable backend services** using **Golang (Go)** to support high-throughput APIs and microservices in a cloud-native environment.
- Experience with container-based deployments using **Docker**, working with **Docker images** and **Docker Hub**.
- Experience in DevOps pipelines using **OpenShift** and **Kubernetes** for the Microservices Architecture. Configured and managed **Kubernetes** pods and services for Java applications, optimizing performance and availability.
- Experience in using version control and configuration management tools like **GIT** and **Git Lab**.
- Hands-on experience in **Amazon Web Services (AWS)**, services like **EC2, S3, IAM, ELB** (Load Balancers), **RDS, VPC, Route53, Cloud Watch, Cloud Formation, IAM, SNS**, etc.
- Managing Amazon Web Services (**AWS**) infrastructure with automation and configuration management tools such as Chef, Puppet, and Ansible

#### **TECHNICAL SKILLS:**

<b>Programming Languages</b>	Java, C, SQL, PL/SQL, C++, Java Script,
<b>Web technologies</b>	HTML, CSS, JavaScript, Ajax, jQuery, Angular (4/6/8), Bootstrap, React.
<b>Clouds &amp; Infrastructure</b>	Aws, Azure, Kubernetes, Jenkins
<b>Application/Web Servers</b>	Oracle WebLogic, WebSphere, Apache Tomcat, JBOSS, IBM Web Sphere, Kubernetes
<b>Frameworks</b>	Spring Boot, Hibernate, Spring Security, JSF, Struts, AOP, JSP, Mockito
<b>Design patterns</b>	MVC, Front Controller, Session Façade, Singleton, and DAO patterns
<b>Java/J2EE Technologies</b>	Servlets, JSP, JSTL, JDBC, JNDI, JSF, JPA, RMI, Kafka, JMS, Microservices, EJB, Java Beans, Log4j, REST Apis, spring
<b>Web Services</b>	REST (JAX-RS), SOAP(JAX-WS)
<b>Methodologies</b>	Agile, Scrum, JIRA, SDLC, Waterfall, OOAD
<b>Database Servers</b>	Oracle, MySQL, MongoDB. PostgreSQL, Cassandra, Redis
<b>Version Control</b>	Git, Gitlab, SVN, GitHub
<b>Build Tools</b>	ANT, Maven, Gradle, Jenkins

#### **PROFESSIONAL EXPERIENCE:**

**Client:** T-Rowe Price, Baltimore, MD

**Feb 2025 - Present**

**Role:** Full Stack Java Developer

#### **Responsibilities:**

- Participated in **Agile** and **Scaled Agile** teams, actively contributing to **backend development** of the core platform and supporting rapid **prototyping to production** releases.
- Developed **RESTful APIs** using **Spring Boot** with built-in annotations like **@RestController**, **@RequestMapping**, **@GetMapping**, and **@PostMapping** to streamline API development.
- Followed standard **REST conventions** using **HTTP methods (GET, POST, PUT, DELETE)** to build **stateless services**.
- Built **responsive and interactive UIs** using **React.js**, integrating seamlessly with **Java-based REST APIs** to enhance user experience.
- Developed the **Agent Portal** using **HTML5, CSS, LESS, JSON, AJAX, React.js** (with **Redux** for state management), and **Node.js** for frontend and server-side functionality.

- Utilized **Gulp** for automating tasks such as **HTML/CSS/JS processing, live reloading, test running, server setup, and Sass compilation.**
- Managed **UI dependencies** with **Bower** and handled configuration via `bower.json` and `.bowerrc` files.
- Designed and deployed **web applications** using **microservices architecture** with **Spring Boot**, integrating **Elasticsearch** for advanced search and implementing **security** via **Spring Security** with **LDAP.**
- Implemented backend logic using **Spring MVC, Spring AOP** (for logging), and **Spring IOC** for loosely coupled component management.
- Built data access layers using **Hibernate** and integrated various databases, including **MySQL, Hive, PostgreSQL, and Teradata.**
- Utilized **Redis** for caching and session storage to optimize performance of frequently accessed data and reduce backend load.
- Used **Spring Kafka API** to process messages efficiently on a **Kafka cluster** and implemented **REST APIs** with **OAuth** security. Configured **CORS policies** and **OAuth2 scopes** in Spring Security to protect API endpoints.
- Created **RESTful web services** using **Jersey, JAX-RS, and Spring frameworks.**
- Built **real-time data analytics** and **ingestion platforms** using **Apache Storm** and **Kafka.**
- Utilized **NoSQL databases** such as **MongoDB, Cassandra, Couchbase, HBase, and Riak** for storing and processing large-scale data.
- Migrated data from **SQL databases** to **NoSQL systems** using **Java APIs** and implemented **MongoDB reports, schema design, and map-reduce functions.**
- Wrote unit and integration tests using **JUnit** and **Mockito** to maintain high test coverage and prevent regressions.
- Documented and tested APIs using **Swagger/OpenAPI** specifications.
- Integrated **SonarQube** for static code analysis and quality checks in CI pipelines.
- Configured **Splunk** queries and dashboards to monitor application logs, generate operational insights, and set up proactive alerting for incidents.
- Collaborated with backend teams to design **RESTful and GraphQL APIs**, optimizing payload structures and **API contracts** for low-latency responses.
- Implemented **Jenkins pipelines as code** using **Groovy DSL** for **version-controlled** and **maintainable automation.**
- Built and deployed **Node.js APIs** and **Java services** to **AWS** using **Docker containers**, ensuring consistent deployment environments.
- Created and optimized **Docker images** for **Java applications** and used **Docker Machine** and **Engine** to manage containerized services.
- Led CI/CD automation by integrating Bitbucket pipelines **with Jenkins/GitHub Actions**, ensuring automated builds, code quality checks (SonarQube), and zero-downtime deployments
- Deployed applications on **AWS EC2 instances**, configured **S3** for storage, and utilized **AWS services** like **RDS, SQS, ELB, CloudWatch, Lambda, and CloudFormation** for a **scalable, fault-tolerant architecture.**
- Managed **AWS security configurations**, including **Identity and Access Management (IAM), security groups, and automated provisioning.**

**Environment & Tools:** Node JS, JDK Bower, Backbone JS, Spring MVC, Spring IOC, Spring AOP, React, Microservices, Hibernate, JavaScript, Ajax, jQuery, Restful Services, Redux, JSON, HTML5, CSS3, LESS, Maven, Docker, Jenkins, Linux, RESTful API, Cassandra, Solaris, ReactJS, AWS, Backbone JS, Spring Boot, Soap UI, GIT, WebLogic 12.

**Client:** Discover Financial Services, New Jersey, The USA

**Dec 2023 – Aug 2024**

**Role:** Java/J2EE Developer

**Responsibilities:**

- Implemented **agile methodologies** and facilitated **cross-functional collaboration** to improve project delivery timelines and efficiency.
- Led Agile ceremonies such as **sprint planning, daily stand-ups, and retrospectives** to ensure alignment and continuous improvement.
- Applied **Microservices principles** in Java applications to achieve modularity, scalability, and effective inter-service communication.

- Developed **client-side routing and navigation logic** in **Angular**, including implementing **secure login functionality**.
- Designed **user interfaces** using **HTML, JavaScript, and JSP**, and developed **business logic** and interfacing components using **Business Objects, XML, and JDBC**.
- Implemented **Angular.js services and components** to enhance data exchange and frontend performance in Java-based applications.
- Built web applications using **Spring MVC**, utilizing **Spring Core** for controller logic, custom tag libraries, and **JSP** integration.
- Utilized **Spring Framework's Dependency Injection (DI)** to build loosely coupled, testable components.
- Followed **MVC architecture** using the **Struts framework** for better modularity and maintainability.
- Designed presentation layers using **Spring MVC**, coordinating **JSP, Servlets, and JSTL** for clean UI development.
- Consumed and integrated **SOAP and REST web services** to fetch backend data and incorporate it into application workflows.
- Managed **Oracle databases**, ensuring high availability, data consistency, and performance tuning for Java applications.
- Configured and maintained **Jenkins CI/CD pipelines**, automating code integration and testing processes across environments.
- Implemented **Docker containers** to standardize the packaging and deployment of Java applications.
- Orchestrated **containerized microservices** using Docker, enhancing scalability and resource optimization.
- Developed and deployed **Azure Data Factories**, datasets, and pipelines for end-to-end data integration on the **Azure Cloud**.
- Led the ingestion of large datasets from **Cosmos DB** and **Azure SQL** into **Azure Blob Storage**, improving data transfer efficiency.
- Deployed Java applications on **Azure**, utilizing **Azure App Services** and **Azure Functions** for serverless and scalable deployment.
- Managed **JDBC connectivity**, handling insertions, queries, and implementing **triggers** and **stored procedures**.
- Wrote **optimized SQL queries** using **SQL query builders**, supporting efficient and dynamic data operations.

**Environment & Tools:** J2EE, Java/JDK, JDBC, SOAP, JSP, Struts 2.0, Web Services, HTML, JavaScript, CSS, JNDI, JavaBeans, XML.

**Client:** Innova Solutions, Bangalore, India

**May 2023 – Aug 2023**

**Role:** Senior Full Stack Engineer

- Developed and deployed scalable Java Spring Boot microservices handling 1,500+ RPS with REST APIs, OAuth2, and JWT security.
- Built event-driven pipelines using Kafka and implemented asynchronous sync with Golang, gRPC, and Protobuf, improving system responsiveness and reducing redundant calls.
- Enhanced backend performance by 30% through SQL tuning, MongoDB integration, and refactoring legacy code.
- Created and executed unit, integration, and E2E tests using JUnit, Mockito, and Spring Batch, achieving 95%+ test coverage.
- Automated CI/CD pipelines with Jenkins and GitHub Actions, cutting deployment errors and manual efforts by 50%
- Led development of a 1-click phone verification API and a user onboarding portal using JavaScript, HTML, and REST APIs for a seamless UI/UX.
- Deployed services on Google Cloud Platform (GCP) using Kubernetes and Spanner, optimizing cloud-native performance.
- Streamlined testing of financial apps using Python and AWS, and set up a real-time monitoring system using SQL based metrics.
- Collaborated in Agile teams, triaging 1000+ test issues and driving fixes for 50+ critical defects across QA, DevOps, and stakeholders.

**Full-Time:Kumaran Systems, Chennai, India**

**May 2021 – Apr 2023**

**Client: Honda**

**Role: Full Stack Engineer**

- Migrated legacy mainframe modules (COBOL, JCL, DB2) to Spring Batch microservices, leading full-cycle development including multithreaded batch job design, backend integration, and testing.
- Reduced batch processing time by 40% through optimized SQL queries and streamlined ETL pipelines, improving system performance.
- Developed and maintained responsive, interactive UI using Angular, HTML, CSS, and JavaScript, enhancing usability and performance.
- Designed and consumed RESTful APIs with Spring Boot and connected them to dynamic frontend interfaces, collaborating with backend teams to ensure seamless data flow.
- Built reusable service layers, mappers, and utility classes following clean architecture and design patterns.
- Achieved 90%+ code coverage with JUnit and Mockito; followed test-driven development and Spring best practices.
- Implemented state management with Redux and collaborated on UI/UX wireframes, prototypes, and mobile-first designs using Figma and Vue.js.
- Worked on Node.js, Python (Django, Flask), and cloud deployments with Azure and AWS S3, supporting scalable application hosting.
- Applied SEO principles, accessibility (WCAG AAA) standards, and DevOps tools like Maven for builds, and Git for version control.
- Actively contributed to open-source repositories and maintained documentation for onboarding and legacy system transitions.

**Full-Time:San Information Technology Solutions, Hyderabad India**

**Dec 2017 – Apr 2021**

**Client: Several**

**Role: Software Developer**

- Developed and maintained scalable Spring Boot microservices for internal business applications, handling 1,000+ concurrent requests via optimized REST APIs with PostgreSQL/MySQL.
- Modernized legacy systems by migrating JSP/Servlets to Spring MVC, improving maintainability and reducing bug frequency by 40%.
- Enhanced frontend interactivity and responsiveness using Angular, jQuery, Thymeleaf, Bootstrap, and JavaScript.
- Automated build and deployment processes through CI/CD pipelines using Jenkins, Git, and Maven, reducing deployment time by 30%.
- Collaborated with QA and DevOps to implement robust test coverage using JUnit, Mockito, and Postman, improving pre-release defect detection.
- Contributed to enterprise digital transformation by migrating SOAP to REST APIs and integrating JWT-based authentication for secure access.
- Designed and implemented custom dashboards to visualize key business metrics, aiding in real-time decision making for management.

**Education:**

Bachelor of Technology (B. TECH)

Computer Science | 2018 | Koneru Lakshmaiah University (KLU), Andhra Pradesh, India