

# Anil Lama

 Dallas, TX

Full Stack Java Developer

6+ years of experience in designing, developing, and delivering scalable, high-performance web and enterprise applications.

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## Summary

- Expertise in open-source frameworks like **Spring Framework**, **Spring Security**, **Spring Integration**, and **Hibernate**.
  - Proficient in core Spring modules: **Spring IOC**, **Core**, **Messaging**, **ORM**, and **MVC**.
  - Strong background in **Java 8**, including **Collections**, **Multi-Threading**, **Java 8 Streams**, **RMI**, **Serialization**, **Synchronization**, **Exception Handling**, and **Performance Tuning**.
  - Experience with **agile methodologies** like **TDD** and **SCRUM**, and proficient in tools like **Git** and **JIRA**.
  - Expertise in **full-stack development**, including both **front-end** (**AngularJS**, **HTML5**, **CSS3**) and **back-end** technologies (**Spring Boot**, **Microservices**, **Hibernate**, **REST APIs**).
  - Experience working with databases like **Oracle**, **MySQL**, **PostgreSQL**, and **SQL Server** and implementing **ORM** using **Hibernate** and **JPA**.
  - Hands-on experience with **web services** (**REST APIs**, **Microservices**), and integration tools like **Kafka**.
  - Skilled in **CI/CD pipelines** using tools like **Maven**, **Jenkins**, **Git**, and **Docker**.
  - **AI Tools:** Familiar with modern AI-assisted development tools such as ChatGPT, GitHub Copilot, and Gemini for code generation, debugging, and productivity.
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## Technical Skills

- **Languages:** Java 7/8/11, SQL, PL/SQL, **Python**, C, C++
- **Java/J2EE Technologies:** J2EE, Servlets, JSP, JDBC, JSF, JavaBeans, Spring Boot, Spring MVC, Hibernate, JPA, Log4j, XML, JUnit, Web Services
- **Web Technologies:** HTML5, CSS3, JavaScript, AJAX, JSP, Angular
- **Frameworks and IDEs:** Spring, Spring Boot, Hibernate, JPA, **Django** IntelliJ IDEA, Cursor, Eclipse
- **Application Servers:** Apache Tomcat, WebLogic, WebSphere
- **Databases:** Oracle, SQL Server, PostgreSQL, MySQL
- **Messaging & Streaming:** Apache Kafka
- **Version Control Tools:** Git, GitHub, Bitbucket
- **Build & CI/CD Tools:** Maven, ANT, Jenkins, Docker
- **Testing & QA Tools:** JUnit, Mockito, Postman, Swagger
- **Web Services:** REST APIs, Microservices, SOAP
- **Operating Systems:** Windows, Linux, UNIX
- **Methodologies:** Agile, Scrum, SDLC, Iterative, TDD
- **Productivity & Collaboration Tools:** Jira, Confluence, ChatGPT, GitHub Copilot

## Education

### **Master of Science in Artificial Intelligence (*In Progress*)**

Texas A&M University, TX

Expected Graduation: Fall 2027

### **Bachelor of Science in Computer Science (2019)**

California State University, East Bay, Hayward, CA

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## Professional Experience

### **Client: Hilton Hotels – McLean, VA**

*May 2024 – Dec 2025*

#### **Java Developer – Backend**

##### **Responsibilities:**

- Designed and developed **microservices** architecture using **Java** and **Spring Boot** to build scalable, modular back-end services for Hilton's internal hotel management systems.
- Implemented **RESTful APIs** to ensure seamless communication between microservices and external systems, improving real-time data exchange.
- Utilized **PostgreSQL** for efficient data storage and optimized query performance, ensuring transactional consistency for hotel management applications.
- Integrated **Kafka** to support real-time data streaming, enabling near-instantaneous communication across microservices.
- Worked closely with cross-functional teams to optimize features for **reservations**, **billing**, and **customer management** systems.
- Ensured system security by implementing **authentication**, **authorization**, and encryption methods, adhering to industry standards.
- Conducted **unit tests** and **integration tests** using **JUnit**, ensuring high-quality code and performance optimization.
- Supported **CI/CD** pipelines, leveraging **Maven** and **Git** for version control and automated deployment.
- Provided **production support** by troubleshooting issues related to performance, data consistency, and system uptime.
- Collaborated with **DevOps** teams to automate build and release pipelines, reducing manual intervention and deployment errors.
- Authored and maintained technical documentation for **APIs**, deployment workflows, and architectural diagrams to support cross-team understanding.
- **Mentored** junior developers in code reviews, best practices, and effective **debugging** techniques, fostering team growth and knowledge sharing

**Technologies Used:** Java, Spring Boot, Microservices, Kafka, PostgreSQL, REST APIs, Hibernate, JUnit, Maven, Git, Tomcat, Log4j, JSON, Docker, Kubernetes, Agile, IntelliJ

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**Client: PNC Bank – Pittsburgh, PA**

*Dec 2022 – May 2024*

**Full Stack Java Developer**

**Responsibilities:**

- Developed **full-stack** applications using **Angular** for dynamic front-end interfaces and **Java** with **Spring Boot** for back-end services.
- Implemented **RESTful APIs** to enable secure and scalable communication between front-end and back-end components.
- Utilized **Hibernate** for **ORM**, optimizing database interactions and maintaining data integrity.
- Integrated security measures such as **OAuth** and **JWT** for secure authentication and authorization.
- Collaborated with cross-functional teams to optimize features in **transaction processing, risk management**, and **account management**.
- Engaged in **Agile sprints**, participated in **code reviews**, and ensured timely delivery of features.
- Monitored and managed system performance using **Microsoft Management tools**.
- Resolved performance bottlenecks by optimizing **SQL queries** and refactoring backend code.
- Supported **HR applications** using **Angular** and **Spring Boot**, ensuring secure and responsive web interfaces.
- Played a key role in system integration and data migration efforts.

**Technologies Used:** Java 8, J2EE, Spring Boot, Spring MVC, Hibernate, REST APIs, Angular, HTML, CSS, JavaScript, Microservices, SQL, Oracle, Hibernate, Tomcat, Log4j, JUnit, JSON, Maven, Git, Eclipse IDE, Agile, Scrum, Kubernetes, Microsoft Management Tools, OAuth, JWT

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**Client: United Health Group – Minnesota, MN**

*Aug 2020 – Dec 2022*

**Full Stack Software Developer**

**Responsibilities:**

- Participated in full **SDLC**, from business analysis to requirements gathering, design, and development.
- Involved in complete **SDLC** phases — from requirements gathering to deployment — for **healthcare** systems modernization.
- Developed **RESTful** microservices using **Spring MVC** and **Spring Boot** to support healthcare data interoperability.
- Worked on **EDI 278 A/N/I** transactions to automate healthcare authorization processes.

- Built complex **PL/SQL** procedures and optimized **SQL** queries for patient data aggregation.
- Enhanced front-end modules using **JSP**, **JavaScript**, and **Angular** to improve claim status visibility.
- Automated test execution and reporting using **JUnit**, **Mockito**, and **Jenkins** integration.
- Collaborated with **QA** teams to build test automation **scripts** for healthcare workflows.
- Designed **REST API** contracts and contributed to **Swagger** documentation for cross-team integration.
- Configured **Docker-based** containers for development environments to ensure consistent builds.
- Participated in sprint **retrospectives** to propose process **optimizations** and reduce release cycles.
- Worked on data **validation** and reconciliation tools to identify inconsistencies in claim data **pipelines**.
- Provided on-call production support and implemented fixes for high-priority incidents.

**Technologies Used:** Java/J2EE, Spring MVC, Spring Boot, Hibernate, REST APIs, Angular, Oracle, JSP, JavaScript, Microservices, SQL, MongoDB, JMS, Docker, Kubernetes, Junit, Git, Linux, Agile, Scrum

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**Client: FirstBank – Lakewood, CO**

*Aug 2019 – Aug 2020*

**Java Developer – Backend**

**Responsibilities:**

- Developed and enhanced backend services for the ICM Wires application, handling high-value cash transactions.
- Built **REST APIs** and integrated them with **front-end** systems for seamless fund transfer operations.
- Wrote and tuned **SQL** queries, views, and stored procedures for performance and reliability.
- Applied **Spring MVC** and **JPA** for building reusable backend components and persistence layers.
- Automated build and deployment workflows using **Jenkins** and **Maven**.
- Collaborated with QA teams to design regression and integration test suites.
- Introduced **API** versioning and error-handling frameworks for better maintainability.
- Implemented **logging**, **auditing**, and **transaction** tracking using **Log4j** and custom monitoring scripts.
- Worked on user access **control** and **validation** for **secure** financial operations.
- Supported production deployments and resolved time-sensitive incidents with minimal downtime.
- Participated in requirement grooming **sessions** to refine technical **design** specifications.
- Created technical documentation for **modules**, service endpoints, and configuration details.

**Technologies Used:** Java/J2EE, Spring Boot, Spring MVC, Microservices, REST APIs, SQL, Oracle, WebSphere, Log4j, JUnit, Git, Maven, Jenkins, Postman, ANT, Agile