

# Saksham Chandrawat

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## SUMMARY

- **9+ Years** of experience as a **Technical Java Lead** with diversified exposure in analysis, design, development, testing, and implementation of web-based applications.
- Extensive experience in developing **microservices** using **Spring Boot** with domain-driven design.
- Deployed and managed **CI/CD** pipelines using tools like **Jenkins** and **Docker** for **Microservices**.
- Proficient at developing responsive web applications using HTML5, CSS3, JavaScript, Angular, and Bootstrap.
- Expertise in project documentation such as **E-R Diagram**, and UML modeling.
- Excellent communication, organizational, and team leadership skills.
- Strong analytical and problem-solving skills with a focus on debugging and optimizing production systems.
- Experience in managing the Software Development Life Cycle with strong expertise in **AGILE/SCRUM** practices, including leading sprint planning and retrospectives.

## TECHNICAL SKILLS

<b>Programming Language:</b>	Java 17, JavaScript, SQL, and Node.js
<b>Frameworks:</b>	Spring Boot, Hibernate, JUnit, and Mockito
<b>Web Technologies:</b>	JSON, RESTful APIs and Angular 16
<b>IDEs Used:</b>	Spring Tool Suite, IntelliJ IDEA, Eclipse, and VS Code
<b>Databases:</b>	MySQL, PostgreSQL, Redis and Oracle
<b>DevOps and Tools:</b>	Maven, Gradle, Docker, Kubernetes, Jenkins, GitHub Copilot and Splunk
<b>Cloud Platforms:</b>	Google Cloud (GCP), AWS, Azure
<b>Event Streaming:</b>	Apache Kafka, Google Pub/Sub, Azure Event Hub

## EDUCATION

**Pace University** **New York, NY**  
Master of Science (M.S.) in Computer Science | **Concentration:** Web and Cloud Development August 2017 - May 2019

**Medicaps University** **Indore, MP, India**  
Bachelor of Engineering (B.E.) in Computer Science July 2010 - June 2014

## RELEVANT EXPERIENCE

client: **Sherwin-Williams** **Cleveland, OH**  
**Technical Lead** December 2024 - Present

- Lead a team of developers by conducting code reviews, mentoring team members, planning sprints, and ensuring high-quality deliverables aligned with project requirements.
- Design and develop scalable backend systems using **Java 17**, **Spring Boot**, and **Microservices** architecture, leveraging Stream API for efficient data handling and integrating messaging platforms like **Apache Kafka** and Azure services like Event Hub, Service Bus, and Storage Accounts for seamless deployment and system integration.
- Requirements gathering, task estimation, and sprint planning while driving continuous improvements in web applications through effective documentation and code enhancements.
- Led the development of REST APIs using Spring Boot with robust logging and Splunk-based monitoring for proactive issue detection by delivering well documented **OpenAPI** (Swagger UI) to support third-party integrations.
- Applied Test-Driven Development (**TDD**) using **JUnit** and **Mockito**, complemented by **SonarQube** for continuous code quality checks, which improved test coverage and reduced production defects by 40% across multiple releases.
- Ingested and transformed real-time data from **Azure Event Hub** and **Apache Kafka** in Avro format, converted it to JSON, enabling seamless downstream consumption and improving message throughput by 25%.
- Used **Argo CD** to monitor Kubernetes deployments and inspect server node logs in real-time, reducing issue resolution time by 50% and improving deployment reliability.
- Leveraged **GitHub Copilot** to accelerate coding under tight deadlines, improving **development speed by 20%** and reducing bugs through AI-assisted suggestions.

client: **Charter Communications Inc.** **St Louis, MO**  
**IT Technical Lead** May 2022 - October 2024

- Led a team of **7+ associate Java developers** divided into an onshore/offshore extended team development model to ensure the successful completion of projects within schedule.

- **Designed an event-driven architecture** for microservices communication using **Google Cloud Pub/Sub**, enabling reliable message processing and decoupled service interactions.
- Collaborated with **AI-driven development** environments to streamline coding workflows and reduce manual effort.
- Planned and estimated stories, and identified dependencies with the architects, product owners, scrum masters, and teams using the **Scaled Agile Framework (SAFe)** methodology.
- Built solutions with **Java 11**, using **Spring Boot framework**, and tools like **Maven**, **Postman**, and **Tomcat** to ensure that all the changes are functional.
- **Built a logging and monitoring solution** by integrating Spring Boot applications with **Google Cloud Logging** and **Monitoring**, enabling real-time insights into application performance and error tracking. Utilized in **Test-Driven Development (TDD)**, with extensive experience writing unit tests using **JUnit** and **Mockito**.
- Implemented distributed caching with **Redis**, reducing database read times by **30%** for frequently accessed data.
- Implemented **Jenkins** for automated code deployment and validation across multiple development environments.
- Improved code quality and reduced bugs by integrating **SonarQube** into **CI/CD pipelines**, identifying potential vulnerabilities and code smells early in the development cycle.
- **Deployed Spring Boot microservices to Google Cloud Run**, enabling scalable, containerized application hosting with minimal DevOps overhead. Managed **source code** and collaborative development workflows using **Bitbucket**.
- Led the creation and maintenance of Confluence knowledge base pages for Java microservices architecture, enabling the team to quickly onboard new developers and decreasing onboarding time by 40%.
- Perform API logging, testing, and develop comprehensive REST API documentation using **OpenAPI** (formerly Swagger), **YAML**, and similar tools to enhance system transparency and maintainability.

client: **Verizon Communications**

**Dallas, TX**

**Technology Analyst**

September 2019 - May 2022

- Developed a fully automated e-commerce system using **Java 8**, **microservices**, and **REST APIs** to handle telecom customer requests for mobile and Spectrum Internet service orders, activations, and device management.
- Collaborated with peers and supervisors to convert use cases into **Spring Boot microservices**, enabling **pre-booking and trading** functionality and improving system modularity.
- Configured **EC2** instances for hosting **microservices**, load balancing using **Elastic Load Balancer (ELB)** and implementing auto-scaling to handle varying traffic loads.
- Deployed and managed **Java**-based transaction services and **Node.js** API layers on **AWS** using **EC2**, **ECS**, and **Lambda**, with **Kafka** integration for reliable message delivery and decoupled service communication.
- Tested API endpoints using **Postman**, ensuring functionality and compliance with business requirements.
- Implemented **OAuth 2.0** and **JWT** for **authentication** and **authorization in Node.js API gateways**, securing client-server communication and API access. Enabled robust role-based access control with stateless session management to improve system security and user management.
- Automated CI/CD pipelines using **GIT**, **Jenkins**, **Maven**, and **Docker**, reducing development cycle time by **40%** and accelerating production releases.
- Built dynamic, and scalable microservices with **Spring Boot**, integrated **Angular** with backend applications to support equipment order management and ensure real-time data synchronization across tracking systems.
- Gathered business requirements and led full SDLC development using **Agile/Scrum**, ensuring timely delivery of enterprise applications.

client: **John Deere**

**Indore, India**

**Software Engineer**

March 2015 - July 2017

- Developed four scalable and responsive web and mobile applications using **Java**, **JavaScript**, **jQuery**, and **Tortoise SVN**, enhancing client satisfaction through feature-rich, user-friendly solutions.
- Built a web application with **Spring MVC**, **DB2**, and **Bootstrap** that streamlined internal operations and improved system efficiency, reducing processing time and increasing productivity.
- Faced with complex data operations, utilized **Spring Data JPA** to handle **CRUD operations** and manage **database transactions**, resulting in improved data consistency and maintainability.
- Ensured reliable service communication by performing integration and **API testing** with **Postman** and **REST Assured**, which enhanced data integrity and reduced production defects.
- Implemented **JPA** for seamless data persistence and development of web and Android apps using **Java**, **JavaScript**, and **Bootstrap**, boosting user engagement by **20%** through **responsive design** and **cross-device compatibility**.

## INTERNSHIPS

**Intelto Group, Ltd. New York, NY | Software Engineer**

July 2019 – September 2019

**OFree Inc. New York, NY | Software Developer**

May 2018 - August 2018

**iPrimed Pvt. Ltd. Bangalore, India | Java Developer**

November 2014 - February 2015