

Jitendra Kumar Tiwari

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SKILLS

Programming Languages: Java, Scala

Frameworks: Spring Boot, Hibernate, Junit, Mockito, Mongoose, NodeJS

Databases: MySQL, Oracle, MongoDB, Cassandra, Redis

Web Technologies: HTML, CSS, JavaScript, Typescript, Tailwind CSS, ReactJs, Redux, NPM, NextJs

Tools & Technologies: Git, GitHub, Bit Bucket, GitLab, JIRA, Confluence, Jenkins, PCF, HeidiSQL, Docker, Consul, Nomad, CircleCI, Postman, Swagger UI, Maven, Nexus & JFrog, AWS (S3, Lambda, Code Artifact, Parameter Store), OAuth2, JWT, JSON, Protobuf, SonarQube, ESLint, Grafana

EXPERIENCE

Cricbuzz Platforms Limited

Aug 2024 – Present

Software Engineer

Bangalore, Karnataka

- **Reduced API latency** from ~3s → ~100ms by migrating legacy Scala services to Spring Boot microservices and optimizing database calls with caching layers.
- Implemented **non-blocking I/O** and background task queues to **improve concurrency** and prevent user-facing latency during high-traffic match periods.
- Integrated **Redis** and **in-memory caching** to handle live match data efficiently, **reducing server load** and improving response stability.
- Designed MongoDB-backed APIs for **video** and **commentary snippets** with **geo-based filtering** and premium/free access segmentation.
- Engineered and deployed the **partner strip system** enabling dynamic **sponsor logo** placement within the Cricbuzz mobile app interface.
- Developed interactive **graph APIs** visualizing real-time match data, increasing **user engagement** by **25%**.

NCSI Technologies Pvt Ltd

Mar 2022 – Aug 2024

Software Engineer

Pune, Maharashtra

- Developed **RESTful APIs** for the **banking** client, focusing on projects related to financial services using Spring Boot, React and Typescript.
- Implemented a backend service to **generate** and display **hierarchical** data in a table format, consisting of 4 columns where one column acts as the parent of another in the nested fashion, utilizing DSA for efficient data generation and hierarchical structuring.
- Developed a backend application to manage data that allows users to choose their preferred communication channels (SMS, Email, Push Notifications, etc.) for different transactions and marketing campaigns.
- Implemented **Multi factor authentication**, **role-based access**, and a **maker-checker** process ensuring creators cannot approve their items.
- Implemented **scheduler** for push notifications, optimizing real-time customer engagement for financial services.
- Migrated configuration properties from **PCF** managed server to a **custom spring cloud config server** with DB.
- Integrated **JWT** into applications, resulting in robust authentication and enhanced security.
- Ensured high **code quality** by writing unit test cases with coverage above **90%**.
- Engaged in all phases of Software Development Life Cycle (**SDLC**) using **Agile** Methodology and followed scrum sessions.

Infosys Ltd

Nov 2020 – Mar 2022

Systems Engineer

Hyderabad, Telangana

- Developed **REST APIs** for **telecom** client, leading to improved system performance and a better user experience.
- Managed customer enrollment and maintained data related to equipment, electrical lines, customers, and hubs in the telecommunications domain.
- Fixed over 50 bugs across multiple modules, ensuring optimal functionality and user experience.
- Optimized application performance, reducing load time by **30%** utilizing Spring Boot.
- Improved **Dashboard Management UI** by **20%** using ReactJs, enhancing user experience.
- Built an Order Management System (**OMS**) application as a training project, leveraging SpringBoot, ReactJs and MySQL.

PERSONAL PROJECTS

Blog App APIs

Spring Boot, React, MySQL, MongoDB

GitHub: https://github.com/jkjitendra/Blog_App

- Developed comprehensive **RESTful APIs** with 30+ endpoints covering authentication, blog management, comments, reactions, categories.
- Implemented **JWT** authentication, **OAuth2** (Google/GitHub), and **RBAC** with 4 roles using Spring Security for secure API access.
- Built APIs with **Vault**-based secret management, **Bucket4j** rate-limiting, real-time comment/reaction endpoints with nested replies, and achieved **90%+ code** coverage with Junit and Mockito.

Aristobox

React 19, Typescript, Indexed DB

GitHub: <https://github.com/jkjitendra/Aristobox>

- Developed offline-first PWA Web App for educational field sales teams.
- Implemented tablet-optimized UI featuring 6 kit categories, customer management, and order tracking.
- Built CSV export functionality with comprehensive order data, reducing order entry time by 40%.

PricePeek

JavaScript, Chrome APIs

GitHub: https://github.com/jkjitendra/price_lookup

- Built Chrome Extension to track and notify users of lowest product prices across e-commerce websites.
- Implemented price-monitoring with background scripts and Chrome Storage API for price history tracking and notifications.

CERTIFICATION & AWARDS

- AZ-900 Microsoft Azure Fundamentals
- OCI Generative AI Certified Professional
- Awarded Top Scorer in the Secure Coding Tournament hosted by our valued client.