

# KIRAN KUMAR P

+1-660-528-3888 | [kirankumar201018@gmail.com](mailto:kirankumar201018@gmail.com) | <https://github.com/Kirankumar866>

## PROFESSIONAL SUMMARY

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Results-driven **Software Engineer** with **3+ years of experience** building scalable full-stack applications in the **healthcare domain** and enterprise environments. Skilled in developing **cloud-native microservices**, **RESTful APIs**, and streaming solutions using **Java**, **Spring Boot**, **ReactJS**, and modern DevOps practices (**Docker**, **Kubernetes**, **Jenkins**, **CI/CD**). Proficient in **relational** and **NoSQL databases**, with strong problem-solving abilities in performance optimization, data integration, and system reliability. Hands-on experience with **AWS services** (EC2, RDS, S3) and **observability** tools for **monitoring** and scaling. Enthusiastic about building with AI, having developed my own products using **Cursor AI**, and eager to expand expertise in emerging technologies. Recognized for adaptability, collaboration in **Agile teams**, and a continuous willingness to learn while delivering high-quality **healthcare solutions**.

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, Typescript, SQL

**Frameworks/Tools:** Spring Boot, Hibernate, Kafka, Node.js, Express.js, Redux

**Frontend:** HTML, CSS, ReactJS, Angular, Tailwind CSS, jQuery

**Databases:** MongoDB, DnamoDB, MySQL, PostgreSQL

**DevOps & Cloud:** Docker, Kubernetes, CI/CD, Jenkins, Git, AWS (EC2, S3, RDS)

**Debugging & Integration:** Log Analysis, Junit, Mockito, REST APIs, JSON, Postman, Swagger

**Other Tools:** IntelliJ, VS Code, JIRA, Maven, Gradle

**Methodologies:** Agile, Scrum, System Integration

## PROFESSIONAL EXPERIENCE

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**HTC Global Services** | *Software Engineer*

**Apr 2025 - Present**

- Developed a high-throughput, low-latency processing service using **Java**, **Spring Boot**, **MySQL**, and **Kafka**, improving request handling speed by 30% and ensuring **high availability** in a healthcare environment.
- Led security enhancements using **Spring Security** and **OAuth 2.0**, reducing security breaches and meeting industry standards.
- Designed with **React**, **RESTful APIs**, **TypeScript**, and **PostgreSQL**, improving user engagement by 25% and earning 90% positive feedback.
- Engineered **microservices architecture** with Spring Boot and **Spring Cloud**, significantly improving system scalability and ensuring seamless deployment of new features.
- Implemented a comprehensive **CI/CD pipeline** using **Jenkins**, **Docker**, **GitHub**, and **Kafka**, for real-time data integration, reducing deployment time by 50% and minimizing manual intervention during releases.
- Participated in regular code reviews, sprint planning, retrospectives, and collaborative troubleshooting.

**Global Payments** | *Software Engineer*

**Jul 2024 - Mar 2025**

- Developed and optimized **RESTful APIs** using **Java** and **Spring Boot**, improving transaction processing speed and enhancing the banking experience for end-users.
- Implemented **secure API communication** for loan application workflows, increasing system performance and delivering a smoother user experience.
- Built a robust data management system with **Spring Data JPA** and **MySQL**, reducing database query response times for transaction history and account statement retrieval.
- Collaborated on **CI/CD pipelines** using **GitHub**, **AWS Code Pipeline**, and **Docker**, cutting manual errors and

accelerating deployment of account management features by 25%.

- Coordinated with cross-functional teams to refine and align requirements for online payment features, increasing on-time project delivery by 40% and reducing scope creep by 25%.
- Improved software reliability by implementing automated unit and integration testing with **JUnit** and **Mockito**, reducing post-deployment defects by 30%

#### **Northwest Missouri State University | Software Engineer (Capstone Project)**

**Jan 2024 - May 2024**

- Led a team of 5 in designing and delivering an **eCommerce POS system** for a grocery store with an enterprise-grade UI and a scalable **ExpressJS/NodeJS backend**.
- Collected requirements, managed sprints via **Agile tools (JIRA)**, and coordinated all phases from planning to deployment.
- Built a responsive frontend using **ReactJS, JavaScript, HTML, and CSS**, enabling intuitive user interactions.
- Developed and integrated **RESTful APIs** for inventory, billing, and user management workflows.

#### **HDFC Bank | Software Engineer**

**Jun 2021 - Jan 2023**

- Built account summary and fund transfer modules using **JavaScript, React, TypeScript, and RESTful APIs**, reducing transaction errors by 15% and improving UI performance.
- Implemented **Java-based backend services** for transaction history and financial reporting, improving data retrieval speed by 15% and reducing API latency by 20%.
- Optimized **CI/CD pipelines** for digital banking features using **AWS and GitHub Actions**, increasing deployment frequency by 35% and reducing production incident resolution time by 25%.
- Streamlined deployment workflows for transaction modules through detailed documentation, improving release accuracy and cutting preparation time by 20%.

### **PROJECTS**

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#### **RentRite - Property Management Application**

- Developed a role-based platform using **Next.js(TypeScript)** for small to mid-sized landlords to manage payments, maintenance, and tenant communication.
- Automated rent collection, maintenance scheduling, and document tracking, improving landlord efficiency.
- Integrated **third-party Stripe API** for secure and automated rent payment processing, reducing manual payment tracking.
- Built interactive dashboards for financial analytics and vacancy trends using JSON and REST APIs.

#### **Habit Tracker App – Productivity Tool**

- Created a personal productivity app to manage tasks, build habits, and monitor progress with tracking.
- Integrated features like Pomodoro timer, focus mode, and daily reminders.
- Designed mobile-responsive UI and implemented state management for user sessions and task data.

### **EDUCATION**

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#### **Northwest Missouri State University – Maryville, MO**

*Master of Science, Information Science*

- **Achievements:** Earned formal recognition from the university supervisor for leadership, delivery quality, and project management excellence.
- **Coursework:** Object-Oriented Programming (Java), Database Systems (SQL/NoSQL), Enterprise Networking, Cybersecurity, Systems Analysis & Design