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Ankit Bansal

Senior Software Engineer

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PROFESSIONAL SUMMARY

- Results-driven Senior Software Engineer with **11 years** of software development experience, specializing in scalable backend architectures and enterprise systems.
- Extensive expertise in standardizing RESTful API integrations, building custom API adapters, and connecting enterprise platforms across distributed ecosystems.
- Experience in both start-up and enterprise organizations and working knowledge of Agile Scrum, kanban SDLC practices with some emphasis on TDD.
- Proficient in building non-blocking, **event-driven microservices** using Spring WebFlux, Java, and Apache Kafka to optimize throughput and reduce latency.
- Experience implementing **OAuth2/OIDC authentication** and authorization for consumer-facing APIs and distributed backend services.
- Skilled in designing and deploying **scalable workflows** across multi-cloud environments (AWS, GCP, Railway.com) using Docker and Kubernetes.
- **End-to-end ownership** across the SDLC, from architecture, POCs, and development through deployment, production support, and performance optimization.

CORE EXPERTISE

- **Backend & Reactive Systems:** Java, Spring Boot, **Spring WebFlux**, Next.js, Node.js, Express.js.
- **Authentication & Security:** OAuth2, Spring Security, API Security & Governance.
- **Event-Driven & Databases:** Apache Kafka, Quartz Scheduler, PostgreSQL, MongoDB, Elasticsearch.
- **Cloud & DevOps:** AWS, GCP, Docker, Kubernetes, Railway.com, New Relic, Datadog, PostHog.

PROFESSIONAL EXPERIENCE

Product Engineer — Peerlist (Jun 2023 – Present)

- Built and scaled Autosend.com from the ground up into a high-throughput, containerized email delivery platform processing **over 2 million emails in a campaign**.
- Owned the complete software development lifecycle (SDLC) across [Peerlist.io](https://peerlist.io) and [Autosend.com](https://autosend.com), driving architecture, design, development, automated testing, deployment, and production operations.
- Architected high-throughput API integrations, microservices and workflow automation pipelines across **multi-cloud infrastructure** to maximize uptime and operational scalability.
- Established standardized RESTful API integration patterns across backend services, enabling seamless third-party service integrations and unified monitoring through New Relic APM.
- Conducted technical research, experiments, and proof-of-concepts (POCs) to evaluate emerging architectural patterns and optimize system performance, reliability, and throughput.
- **Technologies:** Next.js, Node.js, Express.js, MongoDB, Docker, Kubernetes, AWS, GCP, Railway.com, New Relic.

Senior Software Engineer — GoJek (Feb 2021 – Jun 2023)

- **GoModal Project:** Orchestrated distributed merchant lending integration workflows supporting 1M+ active users, optimizing system throughput across asynchronous message streams.
- Deployed non-blocking, **reactive microservices using Spring WebFlux** and Apache Kafka streams, reducing API response times by 35% across compliance and credit eligibility workflows.
- Implemented secure **OAuth2/OIDC** authentication protocols across consumer-facing API gateways, mitigating security vulnerabilities and ensuring regulatory compliance.
- Designed and built core backend APIs and KYC verification flows, integrating real-time credit-score eligibility checks.

- Containerized and orchestrated microservices using Docker and Kubernetes, ensuring seamless deployment pipelines and high availability across distributed cloud nodes.
- **Technologies:** Java 17, Kotlin, Spring Boot, Spring WebFlux, Apache Kafka, OAuth2, JUnit, Mockito, React.js, Docker, Kubernetes, GCP, Spring Security, SSO,

Software Engineer — Antbrains Corp (Apr 2020 – Dec 2020)

- Integrated APIs for 30–40 Fortune 500 companies with the core platform, enabling secure and standardized third-party system connectivity.
- Engineered an access point framework to communicate securely with external systems as modular extensions.
- Designed and built a code-generation framework that dynamically generates Java code utilized as extensions within the main platform.
- **Technologies:** Java, Spring Boot, CouchDB.

Software Engineer — Clairvoyant India Pvt. Ltd. (Oct 2016 – Apr 2020)

- Designed and developed **backend APIs and file-processing workflows** for Communication Control, processing XML, CSV, and flat files and routing requests to external printing vendors.
- Implemented a **file-watcher service using Apache Camel** to detect incoming files, retrieve configurations from MongoDB, process requests, and handle processing errors.
- Built backend and frontend components for Tableau Reports, developing D3.js-based visualizations from scratch using Angular, Java, and Spring Boot.
- Developed and integrated services for Fulfillment Hub, a transaction-integration platform that routed requests from multiple clients to downstream vendors.
- Integrated Apache Kafka and Elasticsearch to develop watcher jobs for in-application and email notifications.
- Performed **performance and load testing** using JMeter, while monitoring production logs and troubleshooting application issues using Kibana.
- Worked across the software development lifecycle, including requirements understanding with clients across locations, design, development, testing, production releases, and resolution of production issues.
- **Technologies:** Java 8, Spring Boot, Apache Camel, Apache Kafka, JUnit, Mockito, Angular, NgRx, MongoDB, Elasticsearch, Quartz, Spring Cloud, JMeter, Kibana.

Software Engineer — Persistent Systems Ltd. (Cisco) (Sep 2015 – Oct 2016)

- Developed enterprise SOAP web services using BPEL and RESTful APIs in Java JAX-RS to facilitate cross-system data synchronization.
- Engineered a web-based service discovery application using Spring, HTML5, and JavaScript to search and monitor active enterprise web services.
- Executed database migration scripts for Oracle 10g to 12c, maintaining data integrity and system availability.
- **Technologies:** Java JAX-RS, BPEL, Spring, RESTful/SOAP Web Services, HTML5, JavaScript, Oracle 10g/12c.

EDUCATION

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- Bachelor of Engineering in Computer Science — DYPIET, University of Pune (2011 – 2015) | First Class (65%)

SELECTED ACCOMPLISHMENTS

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- Winner, Full Stack Hackathon conducted by Persistent Systems (2015).
 - Top 7 Nationwide, TechGig Code Gladiators theme-based programming competition (2016).
 - Winner, Coding PowerHouse Competition (2016).
 - CEO Commendation, Clairvoyant, recognized for exceptional engineering work and cross-team mentorship (2017).