

Anil Kumar

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PROFESSIONAL SUMMARY

- Full Stack Java Developer with 5+ years of experience building enterprise-grade backend systems using Java/J2EE, Spring, Spring Boot, RESTful APIs, and cloud-native architectures on AWS and GCP.
- Strong experience designing scalable microservices, integrating distributed systems, and delivering secure, high-availability platforms in regulated enterprise environments.
- Proven ability to work end-to-end across backend development, API design, database integration, CI/CD pipelines, and production support in Agile teams.
- Hands-on experience with cloud platforms, automated testing using JUnit, Git-based workflows, and continuous integration pipelines using Jenkins and Maven.
- Solid understanding of computer science fundamentals including data structures, algorithms, Big-O complexity, multithreading, and distributed system design.
- Experience using AI-assisted development tools and LLMs to support code analysis, documentation, and productivity improvements in enterprise applications.
- Strong ownership mindset with the ability to collaborate effectively across product, QA, DevOps, and cross-functional engineering teams.
- Familiar with AI-assisted development tools to improve code quality, accelerate development, and assist with debugging and testing workflows.
- Passionate about innovation, automation, and leveraging Generative AI to build scalable and intelligent systems.
- Skilled in integrating Large Language Models (LLMs) and Generative AI frameworks to build intelligent, personalized, and high-performance applications.
- Strong collaborator with product, frontend, DevOps, and QA teams in Agile environments, contributing to end-to-end feature delivery.

TECHNICAL SKILLS

Languages: Java, JavaScript , TypeScript, Node.js, Python

Frontend: React.js, Next.js, HTML5, CSS3, Bootstrap, Angular, Responsive UI

Backend: Spring, Spring Boot, Express.js, RESTful APIs, Microservices, Node.js

Cloud Platforms: AWS (EC2, Lambda, S3, RDS, Aurora, Cognito, CDK), GCP, Azure

DevOps: GitLab CI/CD, Jenkins, Docker, Kubernetes, Terraform, Maven, Git

Databases: MySQL, PostgreSQL, Oracle, MongoDB, DynamoDB

Monitoring & Analytics: Grafana, QuickSight, Tableau, Prometheus

AI/LLM Tools: LangChain, Hugging Face, OpenAI API, TensorFlow, Github Copilot

Architecture: Microservices, Distributed Systems, API Design

Version Control: Git, GitHub, SVN

Other: Kafka, RabbitMQ, WebSockets, Bash, Performance Optimization

WORK EXPERIENCE

Citi, San Francisco, CA

Full Stack Developer | April 2025 – Present

- The team was responsible for building and maintaining large-scale backend services that supported enterprise financial workflows with strict reliability, performance, and security requirements.
- The project focused on modernizing legacy financial platforms into scalable Java-based microservices using Spring Boot and REST APIs deployed on cloud infrastructure.
- The platform addressed challenges related to scalability, transaction reliability, production stability, and the need for faster release cycles across multiple dependent systems.
- My role involved designing and developing backend services using Java and Spring Boot, implementing RESTful APIs, and ensuring clean separation of business logic and service layers.
- I worked extensively on API design, request validation, error handling, and backward compatibility to support multiple internal consumers and integrations.
- I collaborated with cloud and DevOps teams to deploy services on AWS and GCP, configure monitoring, and support production stability through observability and logging.
- I implemented unit and integration tests using JUnit and Mockito to validate business logic and reduce regression issues during releases.
- I actively participated in troubleshooting production issues, performing root cause analysis, and implementing long-term fixes to prevent reoccurrence.

- I used AI-assisted development tools to review code quality, accelerate refactoring, and improve internal documentation for complex backend modules.
- I worked closely with cross-functional teams in an Agile environment, contributing to sprint planning, technical design discussions, and delivery commitments.
- Enhanced Citi's AI systems by integrating LLMs and Generative AI models to automate financial report summarization and improve transaction anomaly detection accuracy by 30%.

Express Script, Austin, TX

Full Stack Developer | Aug 2023 – April 2025

- The team was responsible for developing backend systems that powered high-volume healthcare and claims-processing platforms used by internal operations and partner applications.
- The project focused on building scalable Java-based microservices to handle large transaction volumes, regulatory compliance, and reliable data exchange between systems.
- The platform solved challenges related to performance bottlenecks, service reliability, and maintainability across distributed healthcare systems.
- My role involved designing and implementing backend services using Java and Spring Boot, with a strong emphasis on clean API contracts and scalable service architecture.
- I built and maintained RESTful APIs that supported frontend applications and partner integrations while ensuring data validation and consistent error handling.
- I optimized backend performance by improving service logic, tuning database queries, and applying caching strategies where appropriate.
- I implemented automated testing using JUnit and Mockito to improve release quality and reduce production defects.
- I worked closely with DevOps teams to support CI/CD pipelines using Git, Maven, Jenkins, and Docker for reliable deployments.
- I supported production systems by analyzing logs, troubleshooting failures, and collaborating with QA and operations teams to resolve issues quickly.
- I leveraged AI-assisted tools to support test generation, code reviews, and productivity improvements during feature development.

US Bank, Irving, TX

Full Java Stack Developer | Jul 2022 – Aug 2023

- The team was responsible for building backend services that supported core banking applications requiring strong data consistency, security, and high availability.
- The project involved developing Java-based microservices that powered customer-facing and internal banking workflows.
- The platform addressed challenges related to scalability, fault tolerance, and reliable processing of financial transactions.
- My role focused on developing backend services using Java and Spring Boot, designing REST APIs, and implementing business logic aligned with enterprise standards.
- I worked with relational databases such as Oracle and MySQL, designing schemas and optimizing queries for performance and reliability.
- I implemented automated testing strategies using JUnit to ensure service correctness and reduce regression risks.
- I collaborated closely with frontend, QA, and product teams to translate business requirements into well-structured backend solutions.
- I contributed to improving service reliability through refactoring, performance tuning, and better exception handling.
- I worked in Agile teams, participating in sprint planning, backlog refinement, and code reviews.

DXC Technologies, Dallas, TX

Java Developer | Feb 2022 – Jul 2022

- The team supported enterprise clients by developing backend components for large-scale Java applications used across multiple business units.
- The project focused on building and enhancing Java-based web applications using Spring and Spring Boot frameworks.
- The platform addressed maintainability and performance challenges in legacy systems that required modernization.
- My role involved developing backend services using Java, implementing REST APIs, and ensuring clean, modular code structure.
- I worked on database integration with PostgreSQL and MySQL, writing optimized queries and improving data access performance.
- I created unit tests using JUnit to validate core business logic and maintain quality standards.
- I supported CI/CD pipelines using Git, Maven, and Jenkins to automate builds and deployments.
- I assisted in debugging production issues and contributed to root cause analysis and preventive fixes.

- I gained hands-on experience with cloud deployments and backend performance optimization techniques. Gained hands-on experience with cloud deployments and backend performance tuning techniques.

Value Labs (Internship), India

Junior Java Developer | Sep 2020 – Aug 2021

- The team was responsible for developing backend modules for enterprise applications used by multiple external clients.
- The project involved building Java-based backend services and REST APIs to support frontend and third-party integrations.
- The platform solved challenges related to data consistency, API reliability, and service scalability.
- My role involved developing backend components using Java and Spring, focusing on clean code and reusable design patterns.
- I implemented RESTful APIs and worked with relational databases to ensure reliable data access.
- I assisted in writing unit tests using JUnit to support stable releases.
- I collaborated with senior developers to learn enterprise architecture, coding standards, and best practices.
I supported basic CI/CD workflows and participated in Agile ceremonies such as stand-ups and sprint reviews.
- I contributed to performance improvements by identifying inefficient logic and suggesting optimized solutions.

EDUCATION

- Master's in Computer Science – Wichita State University, KS, USA | 2023
- Bachelor's in Computer Science – Sathyabama Institute of Science and Technology, India | 2021