# Anil Kumar Mopidevi Java Developer

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## PROFESSIONAL PROFILE

- **Java Developer with 3+ years of experience** designing, developing, and optimizing **scalable enterprise applications** using **Java, Spring Boot, Spring MVC, Hibernate, and RESTful APIs**, ensuring high performance and maintainability.
- **Developed and deployed** cloud-based microservices using **AWS, GCP, Docker, and Kubernetes**, reducing system downtime by **20%** and improving scalability.
- **Optimized and fine-tuned** database performance in **PostgreSQL, MySQL, and Oracle**, Enhanced query efficiency, cutting execution time by 40%, through advanced indexing and query optimization.
- **Implemented and automated** CI/CD pipelines using **Jenkins, Git, and Kubernetes**, accelerating deployment cycles by **25%** while ensuring seamless rollouts.
- **Engineered and secured** API integrations with **OAuth2, JWT, and Role-Based Access Control (RBAC)**, enhancing data security and regulatory compliance.

## SKILLS

**Programming & Frameworks:** Java, Spring Boot, Spring MVC, Hibernate, JPA, Java EE, Microservices Architecture, RESTful APIs
**Web Development & Frontend:** JavaScript, TypeScript, React.js, Angular, JSP, Servlets
**Cloud & DevOps:** AWS (EC2, S3, Lambda, RDS), GCP (Cloud Functions, Firebase), Docker, Kubernetes, Terraform, CI/CD
**Databases & Data Management:** MySQL, PostgreSQL, Oracle, MongoDB, Redis, JDBC, JPA, Hibernate Query Language (HQL)
**Software Development & Tools:** Git, GitHub, GitLab, Maven, Gradle, IntelliJ IDEA, Eclipse, VS Code
**Security & API Management:** OAuth2, JWT, Role-Based Access Control (RBAC), API Gateway, Postman, Swagger
**Testing & Performance Optimization:** JUnit, Mockito, Selenium, Load Testing, Memory Profiling, JVM Optimization
**Agile & Collaboration:** Agile (Scrum/Kanban), JIRA, Confluence, Code Reviews, Peer Programming

## PROFESSIONAL EXPERIENCE

**Java Developer**, Accenture — Jan 2024 – Present | Remote, USA

- **Architected and deployed** cloud-native applications using **Java 17, Spring Boot, and Kubernetes**, enhancing system scalability by **45%** and enabling seamless multi-region deployments on **AWS and Azure**.
- **Engineered event-driven microservices** using **Kafka and RabbitMQ**, optimizing asynchronous messaging workflows for **50,000+ daily transactions**, reducing latency, and ensuring real-time data consistency.
- **Revamped ATS-compliant APIs**, restructuring candidate data pipelines with **Elasticsearch and NoSQL databases**, increasing search efficiency by **60%**, improving response times for large-scale recruitment platforms.
- **Redesigned a monolithic enterprise application** into **modular microservices**, reducing deployment failures by **70%**, improving development agility, and enabling independent scaling of critical services.
- **Optimized JVM performance**, resolving memory leaks and cutting processing overhead by **35%**, ensuring seamless application stability.
- **Led technical mentoring programs**, guiding junior developers on **best coding practices, performance tuning, and secure API development**, reducing post-deployment issues by **25%** and ensuring consistent code quality.

**Java Developer**, JP Morgan Chase — Jan 2021 – Dec 2022 | India

- **Designed and optimized** scalable microservices using **Java 11 and Spring Boot**, improving API response time by **30%** while handling **10,000+ concurrent requests**. Ensured seamless communication between services using **RESTful APIs**.
- **Built and deployed** secure APIs with **OAuth2 authentication and JWT tokens**, allowing third-party applications to interact with core banking services without compromising data integrity.
- **Enhanced database performance** by fine-tuning SQL queries and indexing strategies, reducing query execution time by **25%**.
- **Implemented high-performance caching** using **Redis and Hibernate Second-Level Cache**, leading to a **40% decrease in database load**.
- **Modernized legacy banking applications**, migrating them from monolithic structures to **Spring Boot-based microservices**, resulting in faster deployment cycles, reduced downtime, and improved application resilience.
- **Streamlined CI/CD pipelines** using **Jenkins and GitHub Actions**, automating build and deployment processes, cutting release time by **50%**.
- **Reviewed code and enforced best practices** using **SonarQube and static code analysis tools**, ensuring clean, maintainable, and efficient code. Conducted **peer programming** sessions, reducing post-deployment defects by **30%**.

## EDUCATION

**Missouri State University** — Jan 2023 – May 2024 | Springfield, MO
Master of Science in Data Science

**Jawaharlal Nehru Technological** — Jun 2017 – Apr 2021 | Hyderabad, India
Bachelor of Science in Computer Science and Engineering

## PROJECTS

### Online Feedback Management System | *Java, Spring Boot, MySQL*

- **Structured** a feedback system with **Java, Spring Boot, and MySQL**, optimizing queries to **boost response times by 40%**.
- **Built RESTful APIs** for seamless data flow, ensuring compliance with university privacy regulations.

### E-Commerce Analytics Dashboard | *Java, Spring Boot, AWS*

- **Constructed** a real-time analytics dashboard using **Java, Spring Boot, and WebSockets**, reducing data latency to **under 500ms**
- **Executed** a **scalable microservices ecosystem** on **AWS (EC2, S3, RDS)**, ensuring **99.9% uptime** while optimizing cloud costs by **25%**.