

# Nathan Rodriguez

---

## Java Developer

**Phone:** (555) 234-5678  
**Address:** Austin, TX  
**Website:** <https://github.com/nrodriguez>  
**Email:** [nathan.rodriguez@email.com](mailto:nathan.rodriguez@email.com)

- Experienced Java Developer with 4+ years building scalable enterprise applications using Spring Boot, microservices architecture, and cloud technologies
- Proven track record of optimizing application performance, reducing API response times by up to 45%, and implementing automated testing frameworks achieving 90%+ code coverage
- Strong expertise in Java 11/17, Spring ecosystem, RESTful APIs, and containerization with Docker and Kubernetes in Agile development environments

## WORK EXPERIENCE

---

### TechSolutions Inc.

March 2022 - Present

#### Senior Java Developer

- Developed and maintained 8 microservices using Spring Boot and Spring Cloud, handling 50,000+ daily transactions and reducing system downtime by 60%
- Led migration of legacy monolithic application to microservices architecture, improving deployment frequency from bi-weekly to daily releases
- Implemented comprehensive testing strategy using JUnit 5 and Mockito, achieving 92% code coverage and reducing production bugs by 55%
- Optimized database queries and implemented Redis caching, resulting in 45% reduction in API response times and improved user experience
- Mentored 2 junior developers on Spring Boot best practices and conducted code reviews ensuring adherence to SOLID principles

### Financial Systems Corp

June 2020 - February 2022

#### Java Developer

- Built RESTful APIs using Spring MVC and Hibernate for payment processing system, handling \$2M+ in daily transactions
- Collaborated with cross-functional teams to implement PCI DSS compliance requirements, ensuring secure handling of sensitive financial data
- Refactored critical payment validation module, reducing processing time from 800ms to 200ms and improving system throughput by 35%
- Implemented automated CI/CD pipeline using Jenkins and Maven, reducing deployment time from 2 hours to 15 minutes
- Participated in Agile ceremonies and contributed to technical documentation for system architecture and API specifications

### StartupTech Solutions

August 2019 - May 2020

#### Junior Java Developer

- Developed customer management system using Java 8, Spring Framework, and MySQL, serving 10,000+ active users
- Created automated unit tests using JUnit and TestNG, establishing testing standards that improved code quality metrics by 40%
- Integrated third-party APIs for email notifications and payment processing, enhancing application functionality and user engagement
- Participated in code reviews and pair programming sessions, contributing to team knowledge sharing and best practices adoption

## TECHNICAL SKILLS

---

### Programming Languages

Java 8/11/17, SQL, JavaScript, Python

### Frameworks & Libraries

Spring Boot, Spring MVC, Spring Security, Spring Cloud, Hibernate, JPA, Apache Struts

---

## Databases

PostgreSQL, MySQL, MongoDB, Redis, Oracle Database

---

## Tools & Technologies

Maven, Gradle, Git, Jenkins, Docker, Kubernetes, AWS (EC2, RDS, S3), IntelliJ IDEA

---

## Testing & Quality

JUnit 5, Mockito, TestNG, Selenium, SonarQube, Postman

---

## Methodologies

Agile/Scrum, Test-Driven Development (TDD), CI/CD, Microservices Architecture

---

## EDUCATION

### University of Texas at Austin

May 2019

Bachelor of Science in Computer Science

GPA: 3.8/4.0

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Systems, Software Engineering, Web Development

---

## CERTIFICATIONS

### Oracle Certified Professional, Java SE 11 Developer

January 2023

Oracle University

---

## HONORS

### First Place - FinTech Innovation Hackathon 2023

2023

FinTech Innovation Hackathon

Built real-time fraud detection system using Java Spring Boot and machine learning algorithms. Competed against 200+ developers from 35 companies nationwide

---

### Excellence in Development Award

December 2022

TechSolutions Inc.

Recognized for implementing automated testing framework that reduced regression testing time by 70%

---

## TECHNICAL BLOG CONTRIBUTIONS

### "Optimizing Spring Boot Applications for Production"

Medium

2,500+ views

---

### "Microservices Design Patterns in Java"

Dev.to

1,800+ views