

# BHARGAV REDDY A

Texas, USA | Email :[a.bhargav252001@gmail.com](mailto:a.bhargav252001@gmail.com) | Mobile no:+1 972-827-7522

## SUMMARY

- **Full Stack Developer** with **4+ years** of experience in **Java, Spring Boot, Angular, React**, and **Microservices**, delivering secure, scalable, and high-performance applications for global payments, retail, and e-commerce platforms.
- Proficient in backend engineering using **Java 11+**, **Spring Boot**, **REST/gRPC APIs**, **Spring Security**, **OAuth 2.0**, **JWT**, **Kafka**, **Elasticsearch**, **Redis**, and **SQL**, with a proven track record of improving API performance, enhancing interoperability, and optimizing data processing.
- Skilled in building responsive and modular frontends using **Angular**, **React**, **TypeScript**, **HTML/CSS**, and **NgRx**, enabling intuitive user experiences, predictable state management, and seamless transaction workflows.
- Experienced in cloud-native development using **AWS services (EKS, EC2, RDS, S3, Lambda, API Gateway)** and containerization/orchestration tools **Docker & Kubernetes**, ensuring multi-region resilience, scalability, and secure deployments.
- Strong in DevOps and observability practices with **GitHub Actions**, **Jenkins**, **CI/CD automation**, **Prometheus**, **Grafana**, and **OpenTelemetry**, improving deployment speed, monitoring coverage, and reducing MTTR across distributed systems.

## TECHNICAL SKILLS & CERTIFICATIONS:

<b>Programming Languages:</b>	Java, JavaScript (ES6+), TypeScript, Python, C#, SQL
<b>Frontend Technologies:</b>	React.js, Next.js, Redux Toolkit, Tailwind CSS, HTML5, CSS3, Responsive Design
<b>Backend Technologies:</b>	Spring Boot, Spring Security, Spring Cloud, Hibernate JPA, RESTful APIs, SOAP APIs
<b>Micro services &amp; APIs:</b>	Spring Cloud Config Server, Eureka, API Gateway, GraphQL, REST, SOAP
<b>Security &amp; Authentication:</b>	OAuth 2.0, JWT, OIDC, RBAC, Tokenization, Spring Security
<b>Database Management:</b>	MySQL, PostgreSQL, MongoDB, Oracle, Redis
<b>Cloud Platforms:</b>	AWS (EC2, S3, Lambda), Azure
<b>DevOps &amp; CI/CD Tools:</b>	Docker, Kubernetes, Jenkins, GitHub Actions, Maven, Gradle
<b>Version Control &amp; Collaboration:</b>	Git, GitHub, GitLab, Bitbucket, Jira, Confluence
<b>Message Queuing Systems:</b>	Apache Kafka
<b>AI/ML &amp; LLMs:</b>	XGBoost, Random Forest, Natural Language Processing (NLP), Large Language Models (LLMs)
<b>Other Tools &amp; Concepts:</b>	Agile/Scrum, MVC Architecture, Performance Optimization, JUnit, Mockito, Selenium
<b>Certifications:</b>	<b>Certified Java SE 11 Developer - Oracle</b>   <b>Certified AWS (Associate Developer)</b>   <b>Certified Azure 500</b>

## WORK EXPERIENCE

### PayPal, TX | Java Full Stack Developer

May 2024 – Present

- Contributed to building core Java + Spring Boot microservices for PayPal World, enabling interoperability between major global digital wallets (UPI, Tenpay, Mercado Pago) through scalable, cloud-native services.
- Implemented and optimized REST/gRPC APIs in Spring Boot for cross-border transaction flows, improving API latency by **22%** through response tuning, efficient data serialization, and strategic caching.
- Applied multi-region resilience patterns using AWS EKS, API Gateway, and Lambda, supporting <200 ms response times for high-volume wallet-to-wallet transactions.
- Engineered secure integration modules using Spring Security, OAuth 2.0, JWT, mTLS, and tokenization standards aligned with PayPal's global compliance framework.
- Built event-driven transaction pipelines with Kafka and Spring Boot consumers, enabling high-throughput, reliable message streaming between PayPal and external wallet providers.
- Created flexible onboarding components using Protobuf/JSON schemas and modular Spring-based adapters, simplifying integrations with diverse international wallet ecosystems.
- Automated CI/CD workflows using GitHub Actions, Docker, and Kubernetes, cutting deployment time by 40% and enabling stable blue-green deployments across environments.
- Enhanced observability by integrating Prometheus, Grafana, and OpenTelemetry with Spring Boot instrumentation, reducing MTTR by 35% through better tracing and monitoring coverage.

### CapeGimini, India | Software Developer

Aug 2020– June 2023

- Built high-performance backend microservices with Java 11 and Spring Boot, supporting large-scale retail and e-commerce operations.
- Delivered RESTful APIs for product catalog, order processing, authentication, and payment workflows.
- Integrated Razorpay to securely process 10,000+ daily transactions across multiple retail categories.
- Implemented a personalized recommendation microservice using collaborative filtering, enhancing product discovery and increasing CTR by 15%.
- Strengthened application security with Spring Security and JWT, ensuring strict access control for sensitive customer and transaction data.
- Developed a responsive frontend using Angular 12, enabling smooth browsing, cart management, and checkout experiences.
- Utilized NgRx for predictable state handling across complex cart, order, and product filter workflows.
- Leveraged Elasticsearch to enable advanced search and filtering, cutting average search latency by 40%.
- Optimized SQL queries and introduced Redis caching to improve catalog load times and handle peak-traffic load efficiently.
- Automated CI/CD pipelines via Jenkins, accelerating release cycles and minimizing deployment issues.
- Deployed application components on AWS, to ensure reliability, scalable performance during high-demand periods, and secure data storage.
- Designed a scalable Order Management System (OMS) capable of processing 5,000+ orders per hour, improving fulfillment speed and reducing stockouts.

## EDUCATION