Muhammad Noman
Senior Software Engineer

SUMMARY

Software Engineer with 5+ years of expertise in developing Java-based enterprise and fintech applications. Spearheaded a 15-member team with a focus on cross-functional collaboration to enhance project outcomes. Highlights include raising production system TPS to 500, reducing bug rates by 15%, and improving application uptime. Excelled in a lead role at i2c Inc., with achievements in reengineering APIs for better performance, implementing DevOps practices, and ensuring 100% system uptime. Technical strengths encompass Java, microservices using Spring Boot, distributed systems, API development, and proficiency with Docker, Kubernetes, and CI/CD. Holds a Bachelor's in Computer Science, backed by industry recognition with the Dean's List Academic Achievement Award.

TECHNICAL SKILLS

Main Technical Skills	Java (5 yr.), SDLC (5 yr.), 1C, VBA
Programming Languages	Java (5 yr.), JavaScript, Scala, VBA
Java Libraries and Tools	Hazelcast, JAXB, RESTeasy
Java Frameworks	Hibernate, Spring, Spring Boot
.NET Platform	VBA
Databases & Management Systems / ORM	Hibernate, Informix, MongoDB, MySQL, Redis
Cloud Platforms, Services & Computing	AWS
Amazon Web Services	AWS Security Groups
Azure Cloud Services	Azure DevOps
Platforms	1C, Antes
Methodologies, Paradigms and Patterns	Agile, microservices architecture, SDLC (5 yr.), SOAP
QA, Test Automation, Security	Apache Maven, JUnit, Mockito
Version Control	Apache Subversion, BitBucket, SourceTree, SVN

Deployment, CI/CD & Administration	CD DevOps pipelines, Gradle
Virtualization, Containers and Orchestration	Docker, Kubernetes
Mail / Network Protocols / Data transfer	JWT
SDK / API and Integrations	JWT, RESTful API, Stripe
Message/Queue/Task Brokers	Kafka, RabbitMQ
Other Technical Skills	PCI DSS

WORK EXPERIENCE

Software Engineer, Microservices Architecture

Duration: Project-specific duration not provided, employment from July/2019 to May/2023.
Summary: Restructured existing monolithic code to a microservices architecture to make the application scalable.
Responsibilities: Re-engineering of the system into smaller, cohesive modules, automating deployment processes for scalability with zero downtime.
Technologies: Spring Boot, Docker, Kubernetes, CI/CD pipelines

Software Engineer, MAFF Payment Gateway Integration

Duration: Project-specific duration not provided, employment from July/2019 to May/2023.
Summary: Successfully integrated a robust payment gateway into the main application, achieving compliance and ensuring uptime.
Responsibilities: Integration of payment gateway with the merchant account and backend system, ensuring reliability and PCI compliance.
Technologies: Java, merchant account systems, payment gateway technologies

Software Engineer, American Express (AMEX) Wallet Web Service

Duration: Project-specific duration not provided, employment from July/2019 to May/2023.
Summary: Developed a secure RESTful web service for payment solutions that can be used by banks and merchants.
Responsibilities: Creation of open API for payment solutions, ensuring secured communication using JWE.
Technologies: Java EE, RESTEasy, JSON Web Encryption (JWE)

Software Engineer, Commercial Credit Limit/Corporate Credit Cards/Financial Hierarchical Institute of Payments

Duration: Project-specific duration not provided, employment from July/2019 to May/2023.
Summary: Created a Java-based financial hierarchical system for managing payments within a corporate structure.
Responsibilities: Development of a system to manage company, departments, and employee payments within hierarchical levels, and implementation of algorithmic improvements.
Technologies: Java, payment processing algorithms

Software Developer, Meterflow Application

Duration: May/2023 to Present
Summary: Contributed to the Meterflow application's efficiency in managing UK residents' smart meters for accurate bill generation.
Responsibilities: Analyzing and fixing production bugs, implementing new electric meter requirements, managing XML Schema Definitions adjustments.
Technologies: XML Schema Definitions (XSD), transaction processing systems

EDUCATION

- **Bachelor of Sciences in Computer Science**
  Punjab University College of Information Technology
  2015 - 2019