

MURTHAZA PK

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 Jeddah, Saudi Arabia.

 Nationality: Indian

 Marital Status: Single

 Gender: Male

 Visa Status: **Transferable Iqama**

TECHNICAL SKILLS

Programming Languages:

- Java (Core)
- Python (Familiarity / Scripting)
- Shell Scripting (Bash, PowerShell)

Backend Frameworks &

Technologies:

- Spring Boot (Expert)
- Spring Framework (Core, Security, Data JPA, MVC)
- Microservices Architecture & Design
- RESTful API Development & Integration
- Apache Kafka (Messaging)
- WebSocket (Real-time Communication)

Databases & Data Management:

- Relational: MySQL (Expert), PostgreSQL, Oracle SQL (Familiarity)
- NoSQL: MongoDB, Redis (Caching)
- JPA / Hibernate
- Advanced SQL, Query Optimization, Schema Design

Cloud Platforms & DevOps:

- AWS: EC2, S3, RDS, Lambda, SQS, SNS, API Gateway, CloudWatch, VPC, IAM
- Microsoft Azure: (Familiarity / Basic Administration)
- Google Cloud Platform (GCP): (Familiarity / Basic Administration)
- Containerization: Docker
- Container Orchestration: Kubernetes
- CI/CD Pipelines: GitHub Actions, Jenkins

SENIOR BACKEND DEVELOPER

www.linkedin.com/murthaza-pk

SUMMARY

Highly skilled and results-oriented Senior Java Backend Developer with 4+ years of hands-on experience in designing, developing, and optimizing scalable microservices and robust RESTful APIs. Proven expertise in seamlessly integrating diverse systems through APIs, managing complex relational and NoSQL databases (MySQL, PostgreSQL, MongoDB), and building high-performance, cloud-native applications on AWS, Azure, and GCP. Adept at implementing secure authentication (OAuth2, JWT) and contributing to the full SDLC within Agile environments, ensuring resilient and efficient backend solutions for complex enterprise and e-commerce platforms.

WORK EXPERIENCE

Febno Technologies - (india)

JAN 2025 – PRESENT

Cloud Engineer

- Designed and provisioned scalable cloud infrastructure on AWS, Azure, and M365 (including EC2, S3, VPCs, IAM), providing robust and secure deployment environments essential for cloud-native applications and microservices.
- Built, containerized, and orchestrated microservices using Docker and Kubernetes, collaborating on their deployment and management in test and staging environments, enhancing application scalability and resilience.
- Implemented CI/CD pipelines using GitHub Actions and Jenkins to automate application build, testing, and deployment processes, significantly reducing manual errors and accelerating feature delivery from development to production.
- Managed and configured application servers like Apache Tomcat to host and deploy Java-based applications, ensuring optimal performance and availability.
- Developed and maintained system automation and monitoring solutions on Linux-based servers using custom shell scripts and tools like CloudWatch, enabling proactive management and ensuring the stability and performance of deployed applications.
- Configured and managed virtualized development and testing environments using VMware Workstation Pro and Oracle Virtual Box, ensuring isolated and consistent setups for software development projects.
- Configured and optimized secure cloud-based user platforms (Google Workspace, Microsoft 365), facilitating seamless collaboration and secure access for development teams and end-users, ensuring compliance and data integrity within the SaaS environment.

Blackowl Traders - (india)

Aug 2023 – Dec 2024

Software Engineer

- Developed and deployed a high-performance, real-time automated trading platform utilizing Java Spring Boot, Apache Kafka, and WebSocket for low-latency communication, achieving 99.9% uptime and high scalability.
- Engineered secure authentication and authorization mechanisms, including JWT (JSON Web Token) authentication, for platform access and data operations, ensuring robust security for users and trading functionalities.
- Integrated seamless connectivity with the Zerodha API to facilitate automated trading, ensuring low-latency data exchange and reliable execution of trading strategies.
- Designed, optimized, and managed AWS cloud infrastructure (EC2, EBS, VPC) specifically to host and scale the trading platform, ensuring high performance, robust security, and cost-efficiency of application deployments.
- Implemented secure MySQL database solutions for the trading platform, including automated backup, comprehensive audit logging, and real-time monitoring via AWS CloudWatch and custom alerting, ensuring data integrity and availability.

API & Integration Tools:

- Postman, Swagger UI
- API Gateways
- Third-Party API Integration

Version Control:

- Git (Git Hub and Git Lab)

Testing:

- Unit Testing (JUnit, Mockito)
- Integration Testing (Spring Test)
- API Testing

Security & Authentication:

- OAuth2, JWT (JSON Web Token)
- Spring Security
- Role-Based Access Control (RBAC)
- SSL/TLS Encryption
- Secure Coding Practices
- Data Backup & Recovery Procedures
- MFA Implementation
- Basic Cybersecurity Principles

Virtualization:

- VMware Workstation Pro
- Oracle Virtual Box

Monitoring & Logging:

- Slf4j
- Ticketing Systems: Jira
- Monitoring Tools: AWS CloudWatch, Prometheus, Grafana
- ELK Stack (Familiarity/Basic)
- Collaboration Tools: Microsoft Teams, Confluence

Development Methodologies:

- Agile Scrum
- SDLC

Frontend (Supporting):

- Angular (Practical Experience)
- HTML, CSS, JavaScript, TypeScript

Soft Skills:

- Problem-Solving & Critical Thinking
- Effective Communication (Verbal & Written, Technical & Non-Technical)
- Customer Service Excellence
- Incident Resolution & Problem Management
- Time Management & Prioritization
- Team Collaboration
- Adaptability & Learning Agility

Languages:

- English: Fluent (Spoken & Written)
- Arabic: Basic (Spoken)

- Containerized the trading platform's microservices using Docker and contributed to container orchestration strategies for continuous delivery, streamlining deployment workflows and enhancing application resilience.
- Applied advanced cloud security and reliability best practices, including IAM role management, SSL/TLS encryption, and network firewall rules, securing critical application components and data.

Flycatchtech - (india)

June 2022 – Aug 2023

Software Engineer

- Developed robust backend services using Java Spring Boot for an educational platform, including designing and implementing RESTful APIs to support real-time video conferencing (BigBlueButton) and other core functionalities, hosted on AWS EC2 with secure configurations.
- Engineered secure user authentication and authorization mechanisms, including implementing OAuth2 and JWT, to ensure secure access and data operations for the platform's users and agents within a microservices-based architecture.
- Integrated third-party APIs like Stripe for secure payment processing, optimizing transactional workflows and ensuring reliable financial reporting and reconciliation.
- Designed and implemented dynamic reporting modules with server-side filtering, multi-criteria sorting, pagination, and Excel export, significantly improving data analysis and user experience for clients.
- Actively participated in Agile Scrum practices (daily standups, sprint planning, retrospectives), collaborating effectively with cross-functional teams (including frontend, QA, and product) and **clients in meetings** using Jira for project management and Postman for API testing and validation.
- Contributed to building and maintaining CI/CD pipelines for smooth API deployment and seamless integration with frontend systems, ensuring continuous delivery and application stability.

Prvak Technologies - (india)

May 2021 – June 2022

Full Stack Java Developer

- Developed and optimized robust backend services using Java Spring Boot for high-performance e-commerce and delivery applications, specifically enhancing product catalog management, user workflows, and order processing to ensure scalability for growing customer demands.
- Designed and implemented secure user authentication and agent management modules within a microservices-based architecture, leveraging OAuth2 and JWT for secure access and enabling seamless inter-service communication to improve system resilience.
- Built dynamic reporting features with Excel export capabilities, empowering insurance and logistics clients with quick access to insightful data reports, which significantly improved operational efficiency and enhanced business decision-making.
- Collaborated closely with frontend teams using Angular to ensure seamless integration between backend APIs and frontend systems, actively troubleshooting issues and providing solutions in a continuous delivery environment to maintain application consistency.

Quest Innovative Solutions - (india)

Oct 2020 – May 2021

Java Full Stack Internship

- Contributed significantly to the backend development of an Inventory Management System, building key modules like user and product management using Java Spring Boot.
- Assisted in implementing role-based access control (RBAC) for secure data operations, learning principles of user permissions and data security relevant to IT administration.
- Gained hands-on experience in troubleshooting application components during frontend development using Angular and backend API integration, contributing to overall system functionality.
- Learned and applied version control with Git in a collaborative team environment, ensuring efficient management of code changes and supporting team efforts in system development.

Certifications:

- Cloud Computing Certification (TechnoDot Academy)
- Certified Agile Scrum Master (CASM)
- AWS Fundamentals (AWS Certification)
- Git (Google Certification)
- Linux for Developers (Linux Foundation Certification)

- Gained exposure to MVC design principles, providing a basic understanding of how applications are structured, which is beneficial for diagnosing software-related issues.

EDUCATION

- **University of Calicut** - (*india*)
Bachelor of Computer Application (BCA)
- **Technodot Academy** - (*india*)
Diploma in Cloud Computing

JUNE 2017 – JUNE 2020

JAN 2025