Bhavesh Zala

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Professional Summary

- Over 8 years of extensive experience in full-stack software development with a strong focus on Java, Spring Boot, Microservices, Kafka, Elastic Search, and Python.
- Expert in designing and implementing scalable, high-performance microservices architecture.
- Proficient in cloud platforms such as AWS, GCP, and Azure with a solid understanding of DevOps principles.
- Skilled in database management, including SQL Server, MySQL, PostgreSQL, MongoDB, and Cassandra.
- Hands-on experience with containerization technologies (Docker, Kubernetes) and CI/CD pipeline implementations.
- Collaborated in cross-functional Agile teams to deliver robust software solutions across diverse industries.
- Strong proficiency in the full Software Development Lifecycle (SDLC) and Agile methodologies.

Technical Skills

- **Core Competencies:** Backend Development (Java, Spring Boot, Microservices, Python), ETL Programming, DevOps, Spark, Pandas, PySpark
- **Cloud Technologies:** AWS (EC2, S3), Azure, GCP, Spring Cloud
- **Containerization:** Docker, Kubernetes
- **Frontend Technologies:** JavaScript, jQuery, JSP, Ajax, CSS3, HTML, Bootstrap, React.js
- **Databases:** MySQL, PostgreSQL, Oracle, MongoDB, Cassandra, NoSQL
- **Messaging Queues:** Kafka
- **Development Tools:** Eclipse, IntelliJ IDEA, NetBeans
- **Version Control:** Git, Bitbucket
- **Methodologies:** Agile, Scrum
- **Operating Systems:** Ubuntu, Windows, Docker
- **Web Servers:** Apache Tomcat
- **Testing Tools and Logging:** Log4j, Log4j2, ElasticSearch, 24x7 Dashboard
- **Reporting Tools:** iReport, Jasper Reports

Education

Bachelor of Computer Applications (BCA), Shradhdha BCA College
Graduated with Distinction

Project Experience

0.1 SFTP to Cloud Storage Transfer — Java Developer

Duration: Oct 2023 – Aug 2024
Tech Stack: Java, JSch, Apache Mina SSHD, AWS SDK, Google Cloud SDK, SLF4J, Docker
Developed a solution to retrieve CSV files from an SFTP server based on criteria such as date, time, and file pattern, then transfer those files to a cloud storage bucket (AWS S3 or Google Cloud Storage).
Roles and Responsibilities:
- Implemented SFTP client integration for secure file retrieval.
- Developed file filtering logic based on user-defined criteria.
- Designed file transfer mechanisms for downloading and uploading files.

0.2 STOIC HRMS — Java Developer

Duration: Oct 2023 – present
Tech Stack: Spring Boot, GCP, Kubernetes, Clojure, Cassandra, Kafka, React.js, AWS
An HRMS application designed for managing payroll, recruitment, employee self-service, and other HR processes.
Roles and Responsibilities:
- Developed backend components using Spring Boot.
- Integrated with Kafka for messaging and asynchronous processing.
- Assisted in performance optimization and deployment.

0.3 Book Appointment and Manage Customer System — Java Developer

Duration: Mar 2022 – Oct 2023
Tech Stack: Spring Boot, AWS, Azure, Kafka, GCP, PostgreSQL, Angular, Docker
A booking and business management system for service providers. Features include calendar booking, POS, inventory management, reporting, eCommerce, and multi-location support.
Roles and Responsibilities:
- Developed backend services using Spring Boot for scheduling, payments, and inventory.
- Worked with AWS and Azure for cloud-based deployment.
- Designed technical solutions and collaborated with teams on project timelines and feature implementations.

0.4 Hotel Management System (CRS) — Team Lead

Duration: Apr 2021 – Mar 2022
Tech Stack: Play Framework, Docker, Bootstrap, AWS, Kafka, MySQL
A centralized reservation system for hotels, managing room bookings, group reservations, and generating financial reports.
Roles and Responsibilities:
- Led backend development using Java and Play Framework.

- Integrated Kafka for managing real-time room availability and bookings.
- Collaborated with QA teams for testing and deployment.

0.5 eKYC System — Team Lead

Duration: jan 2020 – Apr-2021
Tech Stack: Spring Boot, AWS Rekognition, Google Vision API
An eKYC system for users to upload identity documents with real-time OCR and face recognition. **Key Contributions:**
- Designed and developed the backend system using Spring Boot.
- Integrated with third-party APIs for OCR and face recognition.
- Managed asynchronous processing and cloud deployment.

0.6 InMarket — Data Engineer

Duration: mar 2019 – jan-2020
Tech Stack: Python, PySpark, Pandas, Jupyter Notebook, AWS S3
ETL project that processes large-scale data from CSV files and stores processed data in AWS S3.
Roles and Responsibilities:
- Developed data ingestion pipelines using PySpark and Python.
- Cleaned and transformed large datasets for consistency and accuracy.
- Monitored and optimized the data pipeline, ensuring reliability.

0.7 Fraud Detection — Backend Developer

Duration: jan 2018 – mar-2019
Tech Stack: Python, Flask, MySQL
A fraud detection system that identifies abnormal behaviors in transactions across financial systems, e-commerce, and banking, flagging fraudulent activities. The system utilizes machine learning models trained on historical data to detect fraud patterns.
Roles and Responsibilities:
- **Backend Developer:** Built and maintained Flask API for real-time fraud detection, ensuring secure data handling.
- **Business Analyst:** Analyzed fraud reports and collaborated with the team on model improvements and design of alert mechanisms.

0.8 Nolte Küchen — Backend Developer

Duration: jan 2017 – jan-2018
Tech Stack: Spring Boot, MongoDB, AWS, Kafka, Kubernetes, Log4j2
Nolte Küchen specializes in innovative, sustainable, and customizable kitchen designs. The brand offers a variety of styles, including handleless designs, storage solutions, and lighting features, tailored to optimize small spaces and cater to diverse lifestyles. With tools like a virtual showroom and an online kitchen planner, users can easily visualize and design their dream kitchens. Additionally, Nolte Küchen promotes special offers and provides comprehensive information about its products and services.

Roles and Responsibilities:

- **Backend Developer (Spring Boot & Microservices):**

  - Develop and maintain microservices.
  - Design REST APIs for business logic and data flow.
  - Implement security measures (e.g., OAuth2) and validation protocols.

- **Messaging Specialist (Kafka):**

  - Integrate Kafka for event-driven architecture.
  - Manage message queues to ensure reliable inter-service communication.