

BHAKTI VORA

Backend Developer | Scalable Systems | Java | Spring Boot

+14153010317 @ bhaktivora16@gmail.com <https://www.linkedin.com/in/bhakti-vora/> <https://github.com/bhaktivora9> San Rafael

SKILLS

Active Directory		Activemq	Agile	Agile Methodologies		Algorithms	Amazon S3		Apache	Apache Kafka			
API	Apis	Artificial Intelligence		AWS	AWS Lambda	Business Intelligence			CI/CD	Continuous Integration			
Debugging		Decision Trees		Distributed Systems		Docker		Dynatrace	EC2	Elasticsearch		Github	Gradle
Graphql		Integration Testing		Java	Javascript	JUnit		Kafka	KNN	Kubernetes		Lambda	LDAP
Load Balancer		Machine Learning		Magento	Microservices	Microservices Architecture							

SUMMARY

Experienced Backend Developer with over 6 years of hand-on experience in designing, developing, and maintaining scalable systems and frameworks. Proficient in taking projects from ideation to deployment. Skilled in Java, Spring Boot, Kubernetes, Kafka, and machine learning techniques, with a consistent track record of tackling complex engineering challenges and delivering practical solutions. Additionally, I hold a Professional Certificate in Machine Learning & Artificial Intelligence from UC Berkeley Executive Education.

EXPERIENCE

Backend Developer

Walmart @ Caspex

03/2022 - 09/2024 Usa

- Spearheaded the development of the ORBIT platform for Walmart Mexico, centralizing operational events from diverse systems into a single data source, enhancing Business Intelligence and Analytics capabilities
- Collaborated with cross-functional teams, including product managers, QA, to deliver business-critical features under Agile and Scrum methodologies
- Enhanced the platform with a multi-piece shipment feature and facilitated the onboarding of the WCP (multi-tenant) initiative, improving scalability and tenant isolation
- Reduced latency issues by migrating servers to the same region, minimizing network delays between application and database servers
- Introduced multithreading to enable concurrent writes to the database, boosting data persistence speed and enhancing overall performance by 35x
- Utilized Apache Kafka for secure, asynchronous messaging to ensure reliable inter-service communication
- Deployed applications using Docker for containerization, ensuring consistent environments across development and production
- Managed orchestration with Kubernetes, enabling seamless scaling, high availability, and fault tolerance
- Implemented Spring DAO, Hibernate, and Spring Validation to build robust data access layers and ensure seamless data validation
- Conducted Unit and Integration testing using JUnit, strictly adhering to Test-Driven Development (TDD) practices, resulting in faster development cycles and fewer post-deployment issues

SDE I

Contentserv Technologies

03/2020 - 01/2021 India

- Developed and deployed microservices-based, web services using the Spring Boot framework, encapsulating business logic within Spring Beans
- Designing & developing, and maintaining RESTful and GraphQL APIs to support scalable microservices architecture
- Added TDD using JUnit and achieved seamless integration with continuous integration builds powered by Gradle
- Optimized application performance through meticulous performance tuning, resulting in enhanced user experience
- Implemented AWS Lambda for serverless computing, optimizing backend workflows by eliminating the need for server management and reducing infrastructure costs while improving scalability and flexibility

Sr. Software Engineer

Contentserv Technologies

03/2018 - 02/2020 India

- Designed and developed Proof of Concept (POC) for a set of connectors that would enable seamless product information export to major 3rd party environments like Magento, Shopify, and Amazon Marketplace
- Pioneered a cutting-edge recommendation engine powered by machine learning algorithms, driving real-time content delivery and personalized product information
- Explored diverse machine learning techniques and algorithms to optimize contextualized product information and upsell recommendations
- Acted as a technical mentor for junior developers, guiding them in coding best practices and debugging complex issues

EXPERIENCE

Software Engineer

Contentserv Technologies

03/2017 - 03/2018 India

- Designed and developed a Proof of Concept (POC) for integrating existing systems with alternative solutions, enhancing system flexibility and scalability
- Implemented image storage with Amazon S3 and Kafka for efficient storage, scalability, and reliable change sequencing in distributed systems
- Enriched authentication and authorization layers by integrating databases like LDAP and Active Directory
- Introduced Single Sign-On (SSO) using OAuth 2.0 and SAML, streamlining user authentication processes
- Improved application stability and responsiveness by implementing a soft load balancer using Netflix Ribbon

EDUCATION

B.E. (Information Technology)

Pune University, Cummins Engineering College for Women

06/2011 - 06/2015 Pune, India





Professional Certificate in Machine Learning & Artificial Intelligence

UC Berkeley Executive Education

08/2022 - 05/2023 Berkeley, United States

- Professional Certificate in Machine Learning & Artificial Intelligence from UC Berkeley Executive Education.

KEY ACHIEVEMENTS

 Speed Performance Improvement Boosted data persistence speed, enhancing performance 35x through multithreading.	 Serverless Computing Implementation Optimized backend workflows by implementing serverless computing with AWS Lambda.
 Machine Learning Engine Development Developed a machine learning-powered recommendation engine for personalized content delivery.	 Server Latency Reduction Reduced latency by migrating servers, minimizing application-database network delays.

TRAINING / COURSES

Course Title