

Jaykumar Bamania

Software Development Engineer (SDE) with experience building scalable web applications across frontend and backend using Java, Spring Boot, React, and AWS. Strong expertise in designing RESTful APIs, microservices, frontend-backend integration, and deploying cloud-native solutions. Proven ability to deliver secure, high-performance systems in enterprise environments.



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PROFILE SUMMARY

- Offering expertise of over 5 years with consistent track record of progression, repeatedly achieving goals and producing immediate improvements in software development, emphasizing full-stack engineering and a deep understanding of the technology landscape.
- Tactical & articulate with expertise in initiating, managing & leading the development/implementation of competency management, performance management, knowledge base management, complaint management processes & tools.
- Strategist & implementer with in-depth knowledge of Software Development Lifecycle right from requirement analysis, documentation (functional specifications, technical design), coding and testing (preparation of test cases with implementation) for maintaining proposed applications.
- Expertise in driving end-to-end execution of the solution identification exercise involving interaction with the client, requirement analysis, development of workflow solution, preparation of SOW, solution customization, configuration, implementation and end-user training.
- Led business integration and evolution to the next level; highly successful in coordinating with internal/external customers for running successful business operations and experience of implementing procedures and service standards for business excellence/continuity.
- Currently mentoring junior engineers on Spring Boot best practices, enabling successful project delivery and accelerated skill development.
- Currently upskilling in AWS architecture Back-end system design.

EDUCATION

- B.E.(Computer Engineering) from LD College of Engineering

TECHNICAL SKILLS

- Programming & Backend:** Core Java (JDK 8-21) with Collections, Multi-Threading, Concurrency, Object-Oriented Programming (OOP), Exception Handling, JVM Optimization, Spring Boot, Spring MVC, Spring Security, Spring Data, RESTful API Development, Microservices Architecture
- Frontend & UI:** HTML5, CSS3, JavaScript (ES6+), TypeScript, ReactJS, Bootstrap, Responsive UI Design
- Databases & ORM:** Hibernate, Java Persistence API (JPA), Database Design & Interaction Patterns, MongoDB
- Containerization & Deployment:** Docker, Container-Based Deployment Strategies
- Messaging & Event-Driven Systems: Apache Kafka, ActiveMQ, Event-Driven Communication Patterns
- DevOps & CI/CD:** GitLab CI/CD Pipelines, Jenkins, Kubernetes, OpenShift, AWS (EC2, S3, IAM, Lambda)
- Monitoring & Observability:** Kibana, AppDynamics, Log Analysis, Performance Monitoring
- Testing & Quality Assurance:** JUnit, Mockito, Integration Testing, Test-Driven Development (TDD)
- Development Methodologies:** Agile, Continuous Delivery, Code Review Best Practices
- AI / Artificial Intelligence:** GenAI



COMPETENCIES

- Software Development Lifecycle
- QA & UAT Management
- Defect Resolution & Design Optimization
- Code Configuration & Customization
- Requirement Gathering & Analysis
- Project Planning & Execution
- AI/Artificial Intelligence
- System/Interface Programming
- Agile Methodologies
- Team Building, Mentoring & Leadership



CAREER TIMELINE



Barclays

● BA3 Developer (Mar'22-Nov'25)

● Senior Software Engineer (Nov'25-Present)



NeoSOFT Technologies (A CMMi Level 5 Organization) as Junior Software Engineer | Jun'21-Feb'22



Webknot Technologies as Intern-Full stack Developer | Aug'20-Jan'21

WORK EXPERIENCE

Mar'22-Present: Barclays Global Service, Pune

- Assisting in determining operational feasibility **through analysis, problem definition, requirement analysis, and proposing solutions.**
- Optimizing API architecture and request-handling strategies, improving response times by **30%** and enhancing overall service performance.
- Engineering and advancing **enterprise-grade applications** within complex, multi-environment distributed microservices architectures.
- Building **high-performance, scalable backend services** leveraging **Java and Spring Boot** to support business-critical platforms.
- Orchestrating **cross-functional collaboration** to ensure seamless deployment, integration, and environment parity.
- Embedding **Agile delivery discipline**, actively driving sprint planning, stand-ups, and review cycles to accelerate outcomes.
- Establishing an architect function to ensure ample focus on on-going activities and quality improvements on an architectural level in the existing **code base**.
- Providing post-implementation, application maintenance, and enhancement support to the client with regard to the software application; ensured all solutions were scalable, extensible & available from the architecture standpoint.
- Shaping end-to-end solution and platform architecture, aligning business requirements with cloud-native, secure, and future-ready designs.
- Interfacing with clients for gathering business needs, analyzing & reviewing business, functional & high-level technical requirements and finalizing technical specifications for the desired project.
- Promoted from BA3 Developer to Senior Software Engineer from last 6 months based on consistent delivery and technical excellence.

Jun'21-Feb'22: NeoSOFT Technologies(A CMMi Level 5 Organization), Ahmedabad as Junior Software Engineer

- Supported QA, Integration testing and User Acceptance Testing by providing environment and data setup; analyzing and Fixing Production Issues.
- Drove continuous improvement while facilitating communication and coordination among Product Management, Development, DevOps, and QA teams.
- Architected and delivered a Java 8-based banking application, embedding secure authentication, transaction processing, and comprehensive audit logging.
- Enabled core banking functions including account provisioning, transaction execution, balance validation, and audit trail reporting.
- Optimized data handling through advanced Java 8 Streams and Lambda expressions, improving efficiency and code clarity.
- Drove requirements analysis, performance tuning, and peer code reviews, elevating application robustness and quality standards.

INTERNSHIP

Aug'20-Jan'21: Webknot Technologies as Intern-Full stack Developer

- Built reusable and responsive UI components using HTML, CSS, JavaScript, and Bootstrap.
- Assisted in backend API development using Java and Spring Boot and integrated with front-end features.

NOTABLE ACCOMPLISHMENTS

- Received the **KUDOS Award** for exceptional performance and impactful contributions to team and organizational success.
- Earned recognition within the banking domain at Barclays for high-impact contributions, domain expertise and for handling critical deliveries.

PERSONAL DETAILS

- Languages Known:** English