

# GAURAV BIROLE

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## Professional Summary

Results-driven Software Engineer with 2 years of experience in Java, Spring Boot, and MySQL. Specialized in backend development. Demonstrated track record of developing and optimizing high-performance web applications, ensuring seamless user experience and operational efficiency. Strong expertise in RESTful API development and database management with a focus on scalability and performance optimization.

## Technical Skills

- **Languages:** Java, HTML, CSS
- **Frameworks:** Spring Boot, Angular JS
- **Cloud & DevOps:** AWS (EC2, RDS), Jenkins
- **Databases:** MySQL
- **Tools & Others:** Swagger, PuTTY, WinSCP, Git, Bitbucket, Log4j, JIRA, New Relic, Cloudflare, Apache JMeter

## Professional Experience

### Software Developer & Technical Writer

2023 - Present

*AlignTogether Solutions Pvt. Ltd., Bhopal, M.P.*

- Developed and maintained backend systems using Java and Spring Boot, ensuring efficient business logic implementation.
- Collaborated with frontend developers and stakeholders to translate business requirements into scalable technical solutions.
- Conducted manual testing for Dalmia projects, including SmartD Pro and Suvidha Web Portal, ensuring system functionality, usability, and compliance with business requirements.
- Created comprehensive technical documentation for Dalmia Projects, including API documentation, mobile app flow diagrams, technical documentation, and sequence diagrams, improving product usability and developer onboarding.
- Maintained clear and concise documentation for APIs, database schema, and system architecture to streamline development processes.

## Projects

### Dalmia CSR Application

- Developed a robust backend application using Java Spring Boot, ensuring efficient processing and business logic implementation.
- Designed and implemented RESTful APIs to facilitate seamless communication between the backend services and Flutter mobile application.
- Managed database tasks by integrating and optimizing MySQL database for efficient data storage, retrieval, and execution of complex queries.
- Documented detailed technical specifications, API endpoints to maintain comprehensive project documentation and ensure clarity in development.

### Dalmia Projects – SmartD Pro Plus & Suvidha Web Portal (Manual Testing)

- Performed manual testing on the SmartD Pro Plus app and Suvidha Web Portal, identifying defects and ensuring quality assurance.
- Created detailed functional and regression test cases and collaborated with developers to troubleshoot and resolve issues.

### Dalmia Technical Documentation (Technical Writing)

- Currently working on comprehensive technical documentation for Dalmia projects, including API Documentation, Mobile App flow diagram, technical documentation, Sequence diagrams for APIs.

- Ensuring clarity in documentation for developers, QA teams, support teams and end users, improving product usability and maintainability.

**Bulkvan Logistics Pvt. Ltd.**

- Managed and supported the project, ensuring uninterrupted operation and effectively resolving any issues that surfaced.
- Designed, developed, and maintained a scalable, high-performance web application using Java Spring Boot and AngularJS.
- Proactively addressed client requirements and implemented necessary changes to meet their needs.
- Collaborated with end users and cross-functional teams to gather and analyze requirements, translating them into technical specifications, system design and actionable tasks.

**Eko India Financial Services**

- Contributed to the development of scalable and high-performance web application using Java, Struts and Hibernate.
- Developed RESTful APIs to improve application functionality and integrated APIs for seamless integration.
- Collaborated with frontend developers and teams to define project scope and requirements, ensure smooth integration of UI components with backend services.

**Education****Bachelor of Engineering in Civil Engineering****2016-2020**

Sagar Institute of Research &amp; Technology, Bhopal CGPA: 8.1

**Higher Secondary School Certificate****2015-2016**

Mission Boy's H S, Seoni, Percentage: 66.6

**High School Certificate****2013-2014**

Mission Boy's H S, Seoni, Percentage: 60.6

**Certifications**

- Java Developer Certification – KodNest
- Certified National Cadet Corps (NCC) 'A' certificate with 'A' Grade.

**Achievements:**

- Won First Prize in the 'Best Out of Waste' competition at Sagar Utsav.
- Completed NCC Summer Camp training