

Krishna Bhatt

Full Stack Developer – Java · React · SQL · Docker · Git · JWT | 5+ Years' Experience



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SKILLS

- Programming Languages:** Java, JavaScript, TypeScript, Golang, Python, SQL, NoSQL
- Frameworks & Technologies:** Spring Boot, JPA, Hibernate, ReactJS, Angular, Google Apps Script, WebSockets, Microservices, Redux, AJAX, Swagger, REST APIs, JUnit 5, Mockito, Testcontainers, REST Assured, JaCoCo, TDD
- Databases:** MySQL, PostgreSQL, MS SQL, MongoDB
- Tools & Platforms:** Maven, Gradle, Git, Bitbucket, SVN, JIRA, Docker, Docker Compose, Figma
- Development Methodologies:** Agile, Waterfall, Test-Driven Development (TDD)
- Soft Skills:** Leadership, Problem Solving, Quick Learning, Time Management, Innovation, Strong Work Ethic

WORK EXPERIENCE

Self-Employed

Senior Full stack java developer

Remote (Toronto, ON, CA)

January 2025 – Present

- Developed BudgetIQ, a personal finance web app supporting 100+ users with Spring Boot backend and React frontend.
- Built Password Generator Web App (StrongPass Generator), a full-stack secure password generator with Spring Boot backend and React frontend, supporting real-time password generation with customizable options.
- Improved efficiency in BudgetIQ: 50% reduction in user input via recurring transaction automation; 30% faster data retrieval through optimized service logic.
- Implemented global response formatting, exception handling, and modular, responsive UI using Material UI for both apps.
- Applied skills from Udemy course “Unit & Integration Testing of Java and Spring Boot applications with TDD” using JUnit 5, Mockito, TestContainers, REST Assured, JaCoCo, ensuring robust unit and integration testing for both projects.
- Expanded expertise in microservices with Spring Boot, Spring Cloud, Docker, Kubernetes, Helm, and security best practices (JWT, OAuth2, role-based access).

Tech Stack: Java, Spring Boot, React (TypeScript), JWT, OAuth2, MySQL, Material UI, Docker, GitHub, JUnit 5, Mockito, TestContainers, REST Assured, JaCoCo

E-Procurement Technologies Limited

Senior Full stack java developer

On-Site (Gujarat, IN)

Aug 2022 – Aug 2024

- Led end-to-end application development using Spring Boot and ReactJS, accelerating delivery time by **20%**.
- Achieved **35%** reduction in bug count through proactive QA and integration testing practices.
- Increased delivery speed of features by **25%** through efficient user requirement translation into technical designs.
- Maintained a **100% sprint delivery rate** using Agile methodologies and effective cross-functional collaboration.
- Mentored peers and managed Git/SVN workflows, enhancing team code quality by **30%**.

Tech Stack: Java Spring Boot, ReactJS, Swagger REST APIs, Microservices, MsSQL, MySQL, SVN, Docker, GitHub

Entrust Software Development

Software Engineer

Remote (California, US)

Jan 2020 – Jul 2022

- Developed scalable backends and dynamic frontends using Angular, React, and Vue.js, improving delivery efficiency by **30%**.
- Reduced API response times by **40%** via optimized queries and effective caching in Spring Boot (JPA/Hibernate).
- Integrated tools like WebSockets and live maps, enhancing real-time interactivity by **50%**.

- Built reusable reporting modules, cutting development time for future reports by **60%**.
Tech Stack: Java Spring Boot, ReactJS, Angular, Swagger REST APIs, Google Apps Script, Bitbucket, JIRA, MySQL

Silverwing's Technologies Pvt. Ltd

Software Engineer Intern

On-Site (Gujarat, IN)

Jun 2017 – Dec 2017

- Created responsive websites using Bootstrap and JavaScript, improving load speed and engagement by **35%**.
- Delivered **5+ client-ready websites**, increasing brand visibility and improving bounce rates by **20%**.
- Deployed live websites with **99.9% uptime** and full mobile responsiveness.

Tech Stack: HTML, CSS, JavaScript, Bootstrap, jQuery

PROJECTS

StrongPass Generator – Secure Password Web App

- Developed a full-stack password generator supporting real-time password creation with customizable options (letters per word, number of words, symbols, numbers, capitalization).
- Frontend built with React + Material UI, backend with Spring Boot, serving requests through REST APIs.
- Implemented Dockerized deployment for both frontend and backend with docker-compose.
- Configured CORS, global response formatting, and exception handling for robust API communication.
- Applied TDD and testing using JUnit 5, REST Assured, ensuring reliability of password generation logic.
- Designed a responsive UI with clear UX and error handling for secure and easy usage.

Tech Stack: Java, Spring Boot, React (TypeScript), Material UI, Docker, GitHub, JUnit 5, REST Assured

BudgetIQ – Personal Finance Tracker

- Developed a personal finance web app for 100+ users to track income, expenses, and savings goals.
- Automated recurring transactions & smart scheduling (50% less manual input).
- Implemented Goal Tracker for planning and monitoring financial objectives.
- Optimized backend & APIs for 30% faster data retrieval (multithreading, service logic, garbage collection).
- Enhanced maintainability with global response formatting & exception handling (40% code reuse).
- Built modular, responsive UI (25% improved interaction) using React + Material UI.
- Implemented secure login, OAuth2, JWT, role-based access, and 2FA for enhanced security.
- Applied JUnit 5, Mockito, Testcontainers, REST Assured, JaCoCo for unit & integration testing.
- Containerized application for easy deployment using Docker.

Tech Stack: Java, Spring Boot, React (TypeScript), JWT, OAuth2, MySQL, Material UI, Docker, GitHub, JaCoCo

Tea Board

- Led design and development of project modules using ReactJS Function Components with Material UI, improving UI consistency and reusability by **35%**.
- Developed RESTful APIs with Spring Boot and mentored 5+ team members to accelerate project delivery by **20%**.
- Conducted ReactJS seminars, upskilling 15 colleagues, which boosted team frontend competency by **40%**.

Tech Stack: Java 17, Spring Boot, ReactJS, MS SQL, Swagger REST API, GitHub, Docker Compose, Microservices

NPD Web App

- Developed and integrated scalable Swagger RESTful APIs improving backend throughput by **30%**.
- Utilized React Query for efficient data fetching and state management, reducing component load time by **25%**.
- Parsed and plotted complex JSON data into interactive datatables, enhancing user data comprehension by **20%**.
- Provided guidance resolving bugs, improving overall team issue resolution rate by **35%**.

Tech Stack: Java 17, JPA, Spring Boot, ReactJS, PostgreSQL, REST API, SVN, GitHub, Microservices, Docker Compose

Gail Web App

- Led development of auction and tender web application modules; customized admin and negotiation modules improving admin workflow efficiency by **30%**.
- Tested modules rigorously with full documentation, reducing post-release bugs by **40%**.
- Mentored team members on bug resolution and module maintenance, improving team productivity by **25%**.

Tech Stack: Java, Spring MVC, JPA, Servlet, jQuery, JavaScript, MsSQL, SVN

E Signer Web App

- Developed legal document management web app with secure digital signature integration.
- Designed and implemented RESTful APIs in Spring Boot for efficient and secure frontend-backend communication.
- Created responsive UI with ReactJS (Material UI, React Router, Formik), improving user satisfaction scores by **30%**.

Tech Stack: Java Spring Boot, ReactJS, Material UI, React Router, Formik, MsSQL, REST API, SVN

IMS Insurance Management System

- Built backend services in Java Spring Boot and frontend in Angular 10, increasing application stability by **40%**.
- Employed test-driven development with JUnit and React Testing Library, increasing code coverage to **85%**.
- Participated in Agile workflows, sprint planning, and cross-team collaboration to maintain **95%** on-time delivery rate.

Tech Stack: Java Spring Boot, Angular 10, MySQL, Swagger REST API, JUnit, Bitbucket, JIRA

ELD PinPoint Driver Tracker

- Developed real-time vehicle tracking using WebSockets and server-sent events, reducing data latency by **35%**.
- Optimized PostgreSQL queries for better performance, reducing average query time by **40%**.
- Delivered project iteratively using Agile, enhancing team collaboration and customer satisfaction.

Tech Stack: Java Spring Boot, Angular 10, MySQL, Swagger REST API, Bitbucket, JIRA, JWT

Art Asylum (Design it Your Way)

- Designed an online platform for artists to create and sell paintings using Java 8, JSP, Servlet, and third-party canvas frameworks.
- Improved artist user engagement by **25%** through an intuitive UI and seamless user experience.

Tech Stack: Java 8, JSP, Servlet, Online Canvas Framework

EDUCATION

Gujarat Technological University, Gujarat, India

Expected Graduation: Jul 2019

Major: B.E. Computer Engineer

CGPA: 8.57

Center of Development of Advanced Computing, India

Expected Graduation: Feb 2020

Major: Java

CERTIFICATIONS

• Learn & Develop Microservices with Java, Spring Boot, Spring Cloud, Docker, Kubernetes, Helm, Microservices Security (In Progress)

Currently enhancing expertise in designing and developing microservices architectures, implementing containerized deployment with Docker and Kubernetes, securing microservices, and leveraging Spring Boot and Spring Cloud for scalable applications.

• Unit & Integration Testing of Java and Spring Boot Applications (TDD Explained)

Completed a comprehensive course covering JUnit 5, Mockito, Testcontainers, REST Assured, and Test-Driven Development (TDD). Gained hands-on experience in unit and integration testing, code coverage with JaCoCo, and building reliable, maintainable Java applications.

• Ultimate SQL Course

Mastered SQL fundamentals, including data querying, database design, optimization, stored procedures, and indexing. Hands-on experience with MySQL Workbench.

• Ultimate Git Course

Completed a comprehensive course on Git and GitHub, gaining expertise in version control, branching, merging, and collaborative workflows for efficient source code management.

• Java Developer Program

Center for Development of Advanced Computing (CDAC), India

Successfully completed a Java Developer course, gaining in-depth knowledge and expertise in Java programming, including core concepts, advanced techniques, and practical application development.