

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

Remote (Toronto, ON, CA)

Senior Full stack java developer

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

On-Site (Gujarat, IN)

Senior Full stack java developer

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

Remote (California, US)

Software Engineer

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.