# Harsh Nainesh Pandya

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[GitHub profile](#) | [LinkedIn profile](#)

## Professional Summary

DevOps & Software Engineer with over 3 years of experience in developing high-performance Java-based REST APIs, architecting DevOps workflows, and leading the development of in-house financial systems. Proficient in leveraging tools such as Git, GitHub, Jenkins, Docker, and more to optimize development processes and enhance operational efficiency. Seeking to apply my technical expertise and problem-solving skills to drive success in a challenging engineering role.

## Skills

**Programming Languages**: Java, Python, JavaScript, SQL, Shell Scripting, HTML, CSS, Thymeleaf
**Frameworks**: Spring Boot, Spring, Hibernate, Jersey Restful Java APIs, Microservices
**Tools**: PrimeFaces, Oracle SQL Developer, SSMS, Apache Kafka, Git, GitHub, Jenkins, Docker, Linux, CodeQL
**Microsoft Tools:** Word, Excel, PowerPoint, Teams, Power BI, Power Automate, Power Virtual Agents

## Work Experience

**RBL Bank | Mumbai | DevOps & Software Engineer**                              July 2021 - Present

- **Java REST API Development**: Developed a high-performance Java REST API using Jersey and iText to dynamically replace PDF placeholders, replacing the existing iReport tool (Jasper JRXML files). This new API resolves issues with dynamic PDF values and significantly speeds up PDF generation for customers, processing requests in ~300-400 milliseconds.
- **Zentivize System**: Led the development of the in-house Zentivize system for FI (Financial Inclusion), LAP (Loan Against Property), HL (Home Loan), and Vehicle Loans. Replaced costly SaaS models, achieving significant cost savings. Automated complex vendor commission payouts, reducing processing time from 15-20 days to 2 days for ~3 million records. Integrated dynamic business logic, allowing users to modify rules from the frontend, enhancing operational flexibility and efficiency. PrimeFaces for the frontend, Spring XML for configuration, Hibernate for ORM, and Oracle stored procedures for backend operations. Effectively communicated project requirements and demonstrated strong problem-solving skills.
- **Security and UI Enhancements**: Developed complex PrimeFaces UI components and resolved security vulnerabilities using CodeQL in critical applications thus delivered high-quality software solutions on time.
- **Chatbot Development**: Created "Query Buddy" chatbot using Power Virtual Agents and Power Automate, reducing dependency on manual support and empowering self-service.
- **Power BI Dashboard**: Facilitated communication between IT heads by creating Power BI dashboards to track application code and user onboarding metrics.
- **DevOps Transformation**: Architected DevOps workflows, migrated from SVN to GitHub Enterprise. Developed GitHub pre-receive hooks to enforce code compliance and automated Java application deployments with Jenkins. Developed shell scripting which automated repository migration which reduce the estimation of manual migration from 3-4 months to ~1 month.
- **Training and Support**: Provided Git and GitHub training, supporting successful adoption across teams.

## Education

**Dwarkadas J. Sanghvi College of Engineering**                              Aug 2017 - Jun 2021
B.E. in Electronics and Telecommunication                                    *CGPA:8.07/10*

## Project Work

- **E-commerce Development (Shopify):** Developed a custom Shopify e-commerce website ([shoeraksha.com](#)) for an orthopedic footwear retailer. Enhanced the theme with HTML, CSS, and free apps to create a user-friendly shopping experience. Integrated Shiprocket for seamless order fulfillment and utilized a pre-purchased Namecheap domain.

## Awards and Certificates

- Ripple Effect Award for Impact
- Sensei Award for Continued Learning
- Collaborate 360° Cross-Functional Impact Award
- Data Structures and Algorithm certificate from Coursera, GitHub Actions certificate from Udemy