Harsh Nainesh Pandya

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[GitHub profile](https://github.com/codophilic) |[LinkedIn profile](http://www.linkedin.com/in/harsh-pandya301)

**Professional Summary**

DevOps & Software Engineer with 3+ years of experience in developing Java web applications, architecting DevOps workflows, and leading financial system migrations. Achieved 1 million annually savings and reduced manual effort by 80% through in-house development and automation.

**Skills**

**Programming Languages**: Java, Python, JavaScript, SQL, Shell Scripting, HTML, CSS, Thymeleaf, JSP, JSF.

**Frameworks**: Spring Boot, Spring, Hibernate, Jersey Restful Java APIs, Microservices.

**Tools**: PrimeFaces, Oracle SQL Developer, SSMS, Maven, Apache Kafka, SVN, 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

**Zentivize System**

* Developed the in-house Zentivize system for Financial Inclusion, Loan Against Property, Home Loan, and Vehicle Loans, automating vendor commission payouts (~400-500 million monthly), cutting manual effort by 95%.
* For FI, processing ~ 4 million records were reduced from 15-20 days of manual work to just 10-15 minutes of calculation. Similarly, for HL, LAP, and Vehicle Loans, processing ~100,000 records, which previously required 3-4 days, now takes less than a minute.
* The in-house system replaced a costly SaaS vendor solution model, achieving significant cost savings (~1 million yearly) and mitigating RBI audit.

**DevOps Transformation**

* Architected DevOps workflows, migrated from SVN to GitHub Enterprise. Enhanced GitHub pre-receive hooks to enforce code compliance and scripted CI/CD pipeline using Jenkins for 21 Java-based web applications.
* Eliminated a manual deployment process that previously took 1-2 days by automating it, reducing deployment time to just 3-5 minutes.
* Constructed shell scripts that automated repository migration reducing the estimation of manual migration from 3-4 months to ~1 month.
* Eliminated loopholes in the release management process by transitioning from SVN to GitHub.

**PDF Generator API**

* Created a high-performance Java REST API using Jersey and iText to replace PDF placeholders, replacing the existing iReport tool (Jasper JRXML files).
* Customers now experience significantly faster document creation, with requests typically completed in ~300-400 milliseconds.

**Security and UI Enhancements**

* Implemented complex PrimeFaces UI components and resolved 150+ security vulnerabilities using CodeQL in critical applications thus delivering high-quality software solutions on time.

**Chatbot Development & Power BI Dashboard**

* Constructed the ‘Query Buddy’ chatbot, enabling automated responses for 50+ frequently asked questions daily, leading to a substantial decrease in virtual interactions and enhancing operational efficiency for the support team.
* Facilitated communication between IT heads by creating Power BI dashboards to track user and application onboarding metrics, resulting in a 75% improvement in decision-making efficiency.

**Education**

**Dwarkadas J. Sanghvi College of Engineering** August 2017 - June 2021 Bachelor of Engineering (B.E.) in Electronics and Telecommunication - CGPA: 8.07/10

**Awards**

* Ripple Effect Award for Impact – awarded for DevOps transformation.
* Sensei Award for Continued Learning – awarded for Power BI dashboard and Chatbot development.
* Collaborate 360° Cross-Functional Impact Award – awarded for Zentivize system.