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 3.9 years of experience developing Java web applications, architecting DevOps workflows, and leading financial system migrations. Achieved $5 million in annual savings and reduced manual effort by 95% through in-house development and automation.

**Skills**

**Programming Languages**: Java, Python, JavaScript, TypeScript, NodeJS, SQL, Shell Scripting, HTML, CSS, Thymeleaf

**Frameworks & Libraries**: Spring Boot, Spring, Hibernate, Microservices, Jersey RESTful APIs, React JS, JSP, JSF

**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

**Cloud Technology:** AWS

**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%**.
* **Reduced** processing time for **~4 million** FI records from **15-20 days of manual work to just 10-15 minutes** through automation. Similarly, reduced processing time for HL, LAP, and vehicle loans **(~100,000 records) from 3-4 days to less than a minute**.
* **Replaced a costly SaaS vendor** solution model, achieving significant **cost savings (~5 million annually)** 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**.
* **Resolved loopholes in the release management** process by transitioning from SVN to GitHub.

**PDF Generator API**

* Created a **high-performance asynchronous Java REST API** using Jersey and iText to replace PDF placeholders, **replacing** the existing iReport tool (Jasper JRXML files) and **vendor based third-party APIs**.
* Accelerated document creation for customers, with requests now 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+ FAQs daily**, leading to a substantial reduction 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 in Electronics and Telecommunications

**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 the Zentivize system.