Harsh Nainesh Pandya

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

Professional Summary

DevOps & Software Engineer with 3+ years of experience developing Java web applications, architecting DevOps workflows, and leading financial system migrations. Achieved $1 million in annual 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 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
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 (~1 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 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 - GPA: 8.27/10

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 the Zentivize system.