

# Harsh Nainesh Pandya

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

## Professional Summary

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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

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**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

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**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

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**Dwarkadas J. Sanghvi College of Engineering**

August 2017 - June 2021

Bachelor of Engineering (B.E.) in Electronics and Telecommunication - CGPA: 8.07/10

## Awards

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- 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.