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 web applications and APIs, architecting DevOps workflows, and leading the transition from vendor to in-house financial systems. 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, 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

- **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. Automated complex vendor commission payouts reducing manual effort significantly. For FI, processing ~ 3 million records got reduced from 15-20 days of manual work to just 10-15 minutes of automated calculation. Similarly, for HL, LAP, and Vehicle Loans, processing ~1 lakh records, which previously required 3-4 days, now takes less than a minute. Implemented dynamic business rules for enhanced flexibility and efficiency. Tech stack involves PrimeFaces for UI, Spring XML configuration, Hibernate and Oracle SPs for backend operations. Effectively communicated project requirements and demonstrated strong problem-solving skills. Replaced costly SaaS models, achieving significant cost savings and mitigated RBI audit.
- **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

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