Harsh Nainesh Pandya

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

Skills

**Technical Skills:** Java, Python, Data Structures, Algorithms, JavaScript, SQL, Shell Scripting, HTML, CSS, Spring, Hibernate, Maven, Jersey Restful Java APIs

**Tools**: PrimeFaces, Oracle SQL Developer, Microsoft SQL Developer, Apache Kafka, Git, GitHub, Jenkins, GitHub CLI, GitHub Actions, Docker, Linux, CodeQL

**Microsoft Tools**: Word, Excel, PowerPoint, Teams, Power BI, Power Automate, Power Virtual Agents

Work Experience

**RBL Bank | Mumbai** July 2021 - Present ***DevOps & Software Engineer***

* Developed a robust Java API using Jersey and iText, designed to efficiently replace placeholder values. This high-performance API processes requests in approximately 300-400 milliseconds, demonstrating significant efficiency and reliability.
* Led the development of the Zentivize system for the FI (Financial Inclusion) product and LAP (Loan Against Property). This initiative replaced a costly third-party SaaS model for LAP with our in-house Zentivize project, resulting in significant cost savings and increased efficiency.
* Automated complex commission payout calculations for vendors, slashing processing time from 15-20 days to a mere 2 days for ~3 million records, utilizing Java PrimeFaces for the frontend and Oracle stored procedures for the backend.
* Introduced dynamic logic capabilities, enabling users to modify business rules directly from the frontend, enhancing operational flexibility and efficiency.
* Utilized CodeQL (GitHub Advance Security) to identify and resolve vulnerabilities in critical applications, such as MPIN, ensuring the codebase was vulnerability-free.
* Facilitated communication between IT heads by creating Power BI dashboards to track code onboarding and user onboarding metrics.
* Developed a chatbot named "Query Buddy" using Power Virtual Agents and Power Automate to provide real-time information from Excel data, addressing user queries and offering training on Git and GitHub.
* This automation not only enhanced organizational efficiency but also reduced dependency on manual training support by empowering users with instant, self-service assistance.

***Trainee***

* Contributed to a team responsible for migrating users from SVN to GitHub Enterprise Server.
* Defined workflows and processes, ensuring a smooth transition and improved efficiency.
* Developed automated shell scripts that streamlined repository migrations, reducing manual effort for approximately migrating 1,000 repositories daily.
* The scripts facilitated migration in just a few minutes, depending on repository size, and included features for restructuring code according to configuration files, defined for the DevOps process.
* Onboarded users to the new system, providing training and support to ensure successful adoption.
* Implemented a new organizational policy for code commitment, enhancing code quality and collaboration.
* Achieved significant cost savings by eliminating the need for an expensive external vendor, thereby streamlining our DevOps workflow.
* Strengthened the overall DevOps infrastructure, incorporating Git, GitHub and Jenkins.

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](https://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 and Certificates

* **Ripple Effect Award for Impact:** Our team was honored with an award for revolutionizing our organization's workflow through the implementation of a DevOps workflow.
* **Sensei Award for Continued Learning:** Directed swift migration of numerous applications to GitHub, utilizing Power BI, Excel, Power Virtual Agents, and Power Automate to create insightful dashboards and chatbots, enhancing visibility and communication.
* **Collaborate 360° Cross-Functional Impact Award**: Our collaborative automation of complex payout calculations showcases the transformative impact of innovation on business success, uniting IT and Operations teams.
* Data Structure and Algorithm on Coursera, GitHub Actions on Udemy.