Harsh Nainesh Pandya

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

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 PrimeFaces for the frontend, Spring XML for configuration, Hibernate for ORM, and Oracle stored procedures for backend operations.
- 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](#)) 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.