# Harsh Nainesh Pandya

hpandya301@gmail.com / +91-8879172499 | Mumbai
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, 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 Engineer & 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, thereby enhancing
- organizational efficiency and user support.

*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 to facilitate repository transfers, significantly reducing manual effort and time.
- 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.