

Nirmal Panchal

1572 Weston Road,
York, Ontario, M9N1T6
panchalnirmal157@gmail.com
LinkedIn: www.linkedin.com/in/nirmal-panchal-335056116

Software Developer

Professional Summary

Results-driven Software Developer with expertise in managing SOAP APIs, migrating to CI/CD pipelines, and developing RESTful APIs using Spring Boot. Highly skilled in developing microservices and frontend applications. Seeking a challenging role to leverage API management, automation, and full stack development expertise for driving efficiency and innovation.

Professional Experience

Sep 2022 - **Co-Op Junior Web Developer** Treasury Board Secretariat

Dec 2022

- Collaborated with a team to develop and maintain a new intranet website.

- Sep 2023-ongoing
- Utilized Bitbucket for code version control, ensuring efficient collaboration and code management.
 - Utilized JIRA as the primary task management tool to efficiently receive and work on assigned tasks. Utilizing Agile methodology and a Kanban board to facilitate efficient task management and product delivery.
 - Maintained and debugged issues in the website, providing timely resolutions and enhancements.
 - Participated in code reviews, offering feedback and suggestions for code quality improvement.

Apr 2020 - **Senior Software Engineer** Profinch, Pune, India

- Nov 2021
- Developed and implemented a customer onboarding module using microservices architecture and frontend technologies. Collaborated with cross-functional teams to gather requirements, design the architecture, and develop scalable and secure microservices.
 - Created responsive and user-friendly frontend interfaces using Angular, HTML, CSS, and JavaScript.
 - Integrated microservices with databases and external APIs to streamline the customer onboarding process.
 - Implemented automated testing, continuous integration, and deployment pipelines to ensure code quality and rapid release cycles.
 - Worked in an Agile environment, following Scrum methodologies and participating in daily stand-ups.
 - Conducted code reviews, provided constructive feedback, and mentored junior developers.

Dec 2017 - **Senior System Engineer** Infosys, Pune, India

- Apr 2020
- Managed SOAP APIs, including design, development, testing, and maintenance, ensuring high availability and performance. Led the migration of SOAP APIs to a CI/CD pipeline, implementing automation and deploying updates seamlessly.
 - Developed RESTful APIs using the Spring Boot framework, following best practices and industry standards. Collaborated with cross-functional teams to gather requirements, design APIs, and ensure successful integration with frontend and backend systems.
 - Implemented security measures such as authentication and authorization mechanisms for API endpoints. Conducted thorough testing, including unit testing and integration testing, to ensure the quality and reliability of APIs.
 - Worked closely with DevOps teams to streamline the deployment process and improve efficiency.
 - Actively participated in daily stand-ups, sprint planning, and retrospective meetings.

Education

Jan 2023 - Dec 2023 **Postgraduate Certificate in Cloud Architecture & Administration** Seneca
Jan 2022 - Dec 2022 **Postgraduate Certificate in Database Application Developer** Seneca
June 2013 - Jul 2017 **Bachelor of Engineering** KJ Somaiya College of Engineering, India

Key Skills

Back-End Languages: Java, Node.js.
Front-End Languages: React, Angular, HTML, CSS, JavaScript
Frameworks: Spring, Express-Node.js, Angular-Material, REST API, SOAP API.
Database: Oracle, MySQL, PostGres, NoSQL
Subversion Tool: Git, SVN, Bitbucket
DevOps Technologies: Terraform, Jenkins, Maven.

Achievements

Dec 2022 Seneca President's Honour List Seneca College
Dec 2019 Certificate of Appreciation Infosys Limited

Projects

Finflowz Data Migration & Archival for Alizz Bank (Spring Batch)

- Developed a microservice to facilitate record migration based on Branch Code, Function ID, and Transaction Reference Number, as well as enabling migration of all records in a single operation.
- Implemented a batch process within the microservice to handle failed records during migration, ensuring data integrity.
- Created Archival Schedulers that run on a daily basis to transfer Transaction and Notification data older than 60 days to an Archival Schema, improving data management and storage efficiency.

Finflowz Implementation for Alizz Bank (Full-Stack Project)

❖ Customer Onboarding Module

- Developed a transactional process for Corporate Customer Onboarding within the Origination module.
- Implemented functionality to onboard new corporate customers with accounts or add new accounts to existing customers.
- Created multiple APIs in the backend to support the onboarding of corporate as well as retail customers.

❖ Customer Service Module

- Designed and implemented the functionality for Amount Block Request, Amount Block Release, Cheque Book Request, and Block Cheque transactions within the service request module.

IPTV to AT&T-TV Migration (Microservice)

- Implemented and tested the POST operation of the microservice for migrating old IPTV customers to new ATT-TV, including offering X-days trial and issuing requests with disconnect dates
- Developed functionality for users to cancel or update disconnect dates (PUT request) until the specified date (Y days).
- Solely responsible for the implementation and testing of the POST operation, ensuring seamless migration and unsubscribing/disconnecting IPTV once ATT-TV subscription is active.

SDAUserAccessManagement (REST API)

- Developed REST API using SprintBoot with authentication to interact with LDAP directory, allowing user addition and deletion based on business requirements.
- The API was using OAuth for authentication to interact with the REST API.