

PRADNYESH SALUNKE

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EXPERIENCE

Cognizant (Programmer Analyst)

July 2022 – Present

Project : America-BTA Connect Recon Migration

Nov 2024 – Feb 2025

Client : American Express

Role : Programmer/Developer I

BTA Connect is reconciliation tool for BTA (Business Travel Account), which provides the ability to view and export transactions and create transactions inquiries.

Roles & Responsibilities:

- Create new Micro-service and structure, manage it using Hydra, ensuring seamless orchestration and scalability.
- Designed and configured authorization policies for a new micro-service on the IdaaS portal to ensure secure access control.
- Designed and developed REST APIs by understanding the requirement (fetch transactions of user mapped to card, export transactions in csv and xlsx format supporting big data, update transactions, search engine for the given criteria ie. Advance search).
- Optimized API performance by implementing data compression (zipping), reducing response time from over 1 minute to 4-6 seconds, significantly improving latency and user experience.
- Handling switch user.
- Reading FlatFile , processing and storing it into DB using Apache Spark with Java.
- Successfully deployed the service across multiple environments (E1, E2, and E3 production) with end-to-end validation of functionality and security compliance.
- Identified and resolved an issue with Apache HttpClient's transparent decompression and body stream representation during IdaaS integration inside IdaaS, ensuring accurate request/response handling.
- Code coverage above 95% (Junits).
- Swagger documentation for the service.
- Update application Architecture for new Service.

Project : America-GCS - SiteMinder App Migration (Abacus)

Mar 2023 – Nov 2024

Client : American Express

Role : Programmer/Developer I

Abacus is a reporting tool where transaction will be reconcile and enable card holder to review his transaction information.

Worked on migrating Abacus from site-minder to One Identity.

Roles & Responsibilities:

- Design sequence diagram.
- Designed and developed REST APIs by understanding the requirement (Verify user profiles and register, migrating users, reading profiles, get user token, verify abacus product and service registry, soft delete users).
- Implemented authentication and authorization for user requests.
- Update welcome email template for the new user.
- Code coverage above 95% (Junits).
- Swagger documentation for the respective APIs.
- Implementation of interceptor and filters for IdaaS policies.

Project - BFS ISG C&P Solution-UK

Sep 2022 – Mar 2023

Product Development : OInsta

Oinsta is a instant payment gateway for Federal Reserve Bank, which uses Federal Reserve Financial Service with ISO 20022 SWIFT messaging standards.

It will interface with the Fednow Service and send and/or receive faster payments across the Fednow Service.

Roles & Responsibilities:

Experience in design and developing -

- Rest API for “ Payment Status Request ” (Pacs.028 , Pacs.002)
- Rest API for “ Financial Institution Credit Transfer ” (Pacs.009 , Pacs.002)
- Rest API for acceptance request to “Request For Payment ” (pain.013)
- Junit test cases for the respective APIs
- Swagger documentation for rest APIs (used Angular)
- Solving issues adhering to the SonarQube standards

INTERNSHIP

Cognizant

Jan 2022 – July 2022

Trained as a “ Full Stack Java Engineer ” , in which learned HTML, CSS, Bootstrap4, MySQL, Spring data JPA, React, AWS also work on code quality.

Develop an Audit Management System using Java spring boot for Backend and React for Frontend.

SKILLS

Programming Languages - C, C++, Java, Python.

Databases - MySQL, Oracle, H2, Firebase, MongoDB, DB2.

Development - Web-Development, Android-Development.

Framework – Spring Boot, Angular, React, Apache Camel, Apache Spark

Tools & Technologies: GitHub, Swagger, AWS, REST APIs, SonarQube

Concepts: Data Structures & Algorithms, Microservices, Security Policies

PERSONAL - PROJECTS

ATTENDANCE :

- Developed an attendance system in android using java and firebase .
- Developed to reduce the time that is consumed when attendance is taken manually and also to reduce paper use.

TRANSLATOR :

- Developed a translator application using python.
- To convert the input given with Text or Speech by the User into Users specific required language and required output i.e Text or Speech.

CHAT APPLICATION :

- Developed a chatting application using java and ROT13 algorithm's mechanism for encryption and decryption process.
- The purpose of the chat application is to allow users be able to do the chat with each other.

Achievements

1. Cleared CodeVita Season 10 round 1 in 2022
2. Solved more than 400+ problems on LeetCode

EDUCATION

Bachelor of Technology in Information Technology (CGPA – 8.66)

May 2022

MGM Jawaharlal Nehru Engineering College Aurangabad

HSC 12th - Vidyadham Science Jr. College (67.54)

May 2018

SSC 10th - St. Lawrence High School (85.40)

May 2016