

FRIN PATEL

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WORK EXPERIENCE

Brainybeam Info-Tech PVT LTD | *Full Stack developer Intern*

January 2024 – May 2024

- Streamlined the QR code generation process, reducing the average generation time by 1.5 seconds and allowing for faster invoice creation in the company billing system.
- Engineered and implemented an advanced transaction optimization mechanism, boosting transaction speed by 40% and delivering a seamless and secure invoice retrieval experience for users.
- Documented and standardized the implementation process, ensuring a streamlined and efficient integration of QR code functionality, ultimately strengthening the billing system's capabilities and performance.

INFOLABZ IT SERVICES PVT. LTD. | *Data Analytics and Machine Learning Intern*

July 2023 – August 2023

- Designed and executed responsive user interfaces leveraging Pandas, resulting to a 15% improvement in user satisfaction scores.
- Introduced automated testing processes with TensorFlow Serving, increasing test coverage by 30% and reducing post-release defects by 25%.
- Spearheaded the adoption of agile methodologies, utilizing NumPy and TensorFlow Model Monitoring, improving team productivity by 15% through iterative development cycles.

RELEVANT PROJECTS

All Purpose CPQ Capstone Project (Ongoing) | *Java, Spring Boot, React, Oracle 19c, Docker* Nov 2025 – Present

- Leading the development of a full-stack CPQ platform with features such as dynamic pricing, formula creation, and automated PDF quote generation.
- Implementing a Spring Boot backend with secure REST APIs and a React/Next.js front-end that supports role-based admin and customer portals.
- Collaborating with a 4-member team and the industry sponsor to refine requirements, plan sprints, and deliver production-ready features.

Vehicle Maintenance & Service Management System | *Java, PL/SQL, JavaFX, VS Code* | 🌐

April 2025

- Led **software application development** of a full-stack Vehicle Maintenance System (JavaFX, Spring Boot, Oracle 19c) with modules for authentication, scheduling, invoicing, and inventory tracking.
- Improved report efficiency by 30% through optimized PL/SQL procedures, triggers, and SYS_REFCURSOR, ensuring faster data retrieval and better performance.
- Applied **problem-solving, project management**, and automated **software testing** practices to resolve data issues and enhance system reliability.

TECHNICAL SKILLS

Programming Languages: Java (OOP), JavaScript, Python, SQL, PL/SQL, HTML/CSS, Swift

Databases: Oracle 19c, MongoDB, MySQL, PostgreSQL

Frameworks & Libraries: Spring Boot, React.js, Express.js, JavaFX, Bootstrap, RESTful APIs, Next.js (Basic)

DevOps: Git/GitHub, GitHub Actions, Docker, CI/CD

Developer Tools: IntelliJ IDEA, VS Code, Postman, MongoDB Compass, SQL Developer, Jira

Data & Analytics: Pandas, NumPy, Matplotlib, Hive, Spark, Zeppelin

Certifications: Software Engineering Virtual Experience (JPMorgan Chase & Co.), HarvardX Data Science, Data Analysis with Python (freeCodeCamp), Goldman Sachs Job Simulation

EDUCATION

Humber College

Sept 2024 - Present

PG in Information Technology Solutions

Current GPA: 3.60/4.00

Kalol Institute Of Technology And Research Centre

May 2024

BEng in Computer Engineering

GPA: 3.26/4.00

Relevant Coursework: Intro to Programming, Object-Oriented Programming(Java), Data Structures, DBMS, Operating Systems, Internet of Things, Machine Learning, Cloud Computing, Artificial Intelligence