

Rayan Pasha

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Education

University of Ontario Institute of Technology – Bachelor of Engineering, Software Engineering

Apr 2024

Experience

Front End Developer, Pashanite Marketing – Toronto, ON

Sept 2024 – Present

- Increased client acquisition by 200% by redesigning the website landing page using HTML, CSS, and JavaScript
- Reduced manual client onboarding time by 90% by building a Python based automated client onboarding system
- Grew organic traffic by 20% and improved search rankings by 15% by implementing search engine optimization (SEO) best practices to enhance landing page performance
- Developed responsive mobile-first web interfaces ensuring compatibility across Android and iOS devices
- Designed Figma prototypes to streamline web design, improving development efficiency and client satisfaction

Quality Assurance (QA) Test Analyst Intern, CIBC – Toronto, ON

May 2023 – Aug 2023

- Designed and executed over 250 test cases, transaction files, and test documentation for system integration testing of the Anti-Money Laundering (AML) Sanctions List Management System (SLMS), ensuring compliance with regulatory standards and industry best practices, overall increasing accuracy and security
- Developed and implemented a Python automation script for generating test cases and transaction files, reducing manual preparation time by 50% and enabling the team to complete testing cycles 7 days faster
- Executed SQL queries using MySQL to retrieve and modify transaction data, streamlining testing processes and improving overall business operations and efficiency
- Used Firco Continuity to test transaction data, validating system functionality and ensuring test criteria were met. Documented and uploaded successful test completion records to ALM for internal auditing
- Collaborated with cross-functional teams to meet deadlines, using Jira to manage defects and track testing progress

Projects

Ask Contract AI Document Analyzer

[GitHub](#)

- Built an AI-powered full stack document analyzer chat bot application that enables users to analyze and query legal documents using Next.js, TypeScript, React, and OpenAI API
- Leveraged OpenAI LLMs for text embedding and semantic understanding, enabling precise data vectorization and similarity searches through a Pinecone database
- Engineered a Retrieval Augmented Generation (RAG) pipeline with an integrated LangChain-based intent classification script to filter irrelevant prompts and deliver accurate, contextually relevant responses

Finance Tracker

[GitHub](#)

- Developed a full-stack Financial Tracker using React, MongoDB, and Node.js for income and expense tracking
- Implemented a Node.js backend with RESTful APIs, enabling secure user authentication and financial data storage
- Designed a MongoDB database schema, ensuring efficient data storage, retrieval, and scalability
- Optimized front-end performance using React Hooks, Context API, and lazy loading

GetFit Mobile Fitness App

[GitHub](#)

- Developed a mobile fitness application that tracks a user's fitness metrics using Java and Android Studio
- Designed and prototyped 10 interactive wireframes in Figma, enhancing the app's user interface and user experience
- Created SQLite databases to locally store user data and to perform CRUD operations on different datasets
- Used device Camera and GPS hardware to track user progress and enhance app functionality

Skills

Programming Languages: Java, Python, HTML, CSS, JavaScript, TypeScript, SQL, C++, Bash

Frameworks/Databases: React, Node.js, Next.js, Spring Boot, PostgreSQL, MongoDB, MySQL, SQLite

Tools/Concepts: Git, Jira, Linux, Figma, Jenkins, Docker, Kubernetes, AWS, GCP, Postman, Agile, CI/CD, OOP, DevOps