

Rayan Pasha

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Education

University of Ontario Institute of Technology | Bachelor of Engineering (B.Eng.) - Software Engineering April 2024

Work Experience

Front End Developer | Pashanite Marketing - Toronto, ON September 2024 – Present

- Redesigned and optimized the landing page using Framer, resulting in a **200%** increase in lead generation
- Designed web page prototypes using **Figma** to streamline design processes and ensure client satisfaction
- Increased organic traffic by **15%** and improved rankings by optimizing the landing page for SEO
- Implemented Zapier automation to enhance workflow efficiency, automating the delivery of personalized marketing materials to new clients

QA Test Analyst Intern | CIBC - Toronto, ON May 2023 – August 2023

- Followed business requirements to perform SIT and E2E testing via the creation of over **250** test cases, sample transaction files, and test documentation files for the AML Sanctions List Management System (SLMS)
- Created SQL queries using **MySQL** to retrieve and modify transaction data, increasing testing efficiency
- Utilized Firco Continuity to test sample transaction data, verifying that all test case criteria were met
- Documented and uploaded successful test completion records to ALM for internal auditing
- Collaborated with cross-functional and remote teams to complete project within deadlines, adhering to Waterfall methodologies. Utilized **Jira** to log, track, and manage defects and testing progress

Projects

Ask Contract AI Document Analyzer - [GitHub](#)

- Spearheaded the development of an AI-powered chatbot application that enables users to analyze and query legal documents using Next.js, TypeScript, React, OpenAI
- Leveraged **OpenAI** Text embedding for data vectorization, utilizing a **Pinecone** database to enable rapid vector-querying and similarity searching between document context and user queries
- 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

Mobile Fitness App - [GitHub](#)

- Developed a mobile fitness application that tracks a user's fitness metrics using Java and Android Studio
- Improved app usability by utilizing Figma to design 10 wireframes to visualize the applications user interface
- Created **SQLite** databases to locally store user data and to perform CRUD operations on different datasets
- Utilized device Camera and GPS hardware to track user progress and enhance app functionality

NoteApp - [GitHub](#)

- Built a single page notes application using HTML, CSS, JavaScript, and Node.js
- Implemented a **REST API** to manage data transfer between the frontend and backend for note operations
- Built a backend server in **Node.js** to handle REST API requests for CRUD operations

Technical Skills

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

Frameworks & Databases: React, Node.js, Next.js, MySQL, PostgreSQL, MongoDB, SQLite

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