Igor Penedos

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EDUCATION

Toronto Metropolitan University   **September 2019 – May 2024**
Bachelor of Science (Honours) in Computer Science   *Toronto, ON*
- GPA: 4.07/4.33
- Awards: Dean's List (2019–2024)

PROFESSIONAL EXPERIENCE

Coveo - Software Developer Intern   **May 2023 – August 2023**
- Worked with major clients to improve search relevance by developing tailored enterprise search solutions for major clients such as LG and Metro.
- Built web application to visualize search query results based on users' regional preferences and client's promotional data leveraging AI-powered search engine.
- Created an Azure DevOps deployment pipeline to Azure Marketplace which decreased the deployment of crucial internal tools by 90%.

Flybits – Frontend Developer Intern   **May 2022 – December 2022**
- Maintained & modernized 4+ TypeScript React projects by refactoring and developing new components.
- Implemented a marketing dashboard allowing companies to update marketing strategies enabling clients to receive promotional content based on multiple variables.
- Built pagination component to enable server-side communication with the Golang backend based on React Hooks.
- Created Golang endpoint to provide file uploading to MongoDB Database based on an identifier.

GetQuorum – Junior Developer Intern   **January 2022 – April 2022**
- Developed a condo owner dashboard that eases the visualization of voting metrics using Vue.js, Node, Express, PostgreSQL, and Docker.
- Created role-based meeting statuses allowing for smoother annual general meetings through CRUD endpoints.
- Constructed statistical data for financial reports along with building a dashboard to showcase the metrics.

Interac Corporation – Software Developer Intern   **September 2021 – December 2021**
- Implemented a scalable and secure onboarding service for merchants using Nest.js, Node.js and React.js.
- Converted merchant onboarding services from single-form acquisition into a dynamic form service through updating Redux state management.
- Performed database migration from Oracle OCI to Microsoft SQL, ensuring data integrity.

PROJECTS

TMU Prep - *React, ChakraUI, CSS, Golang, Gin, MongoDB*
- Collaborated with a group of 12 in an agile environment to build a web application that empowers CS students to visualize and organize their classes and check their graduation status.
- The project uses React for the front end and Golang with the Gin framework to handle the backend communications with Mongo.DB collections.
- Developed endpoints to ensure students can graduate with enrolled courses while helping the front end implement a responsive design that can reflect the backend functionalities.

Customer Service Application - *React, NodeJS, ExpressJS, MongoDB*
- Created the backend for a mock e-commerce web application that enables customers to purchase items and get all the necessary information about their orders.
- The NodeJS and ExpressJS backend communicates with the MongoDB collections to schedule drivers and calculate distances to customer addresses.
- Implemented secure password handling for customer accounts.

Password Manager - *Python, SQLite3*
- Created a Python application to manage passwords for multiple services through cryptography.
- The SQLite3 library is used to manage the local database, encrypted passwords would be stored while being protected by a hashed password.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Golang, Java, C, C++, PHP, HTML, CSS, SQL, and Bash/UNIX
Library/Frameworks: React, Vue, Node.JS, Express, Gin, MongoDB, Nest.JS, Django, BootStrap, and OpenAPI
Technologies: Git, Github, VSCode, Docker and Jira