# **JACKIE MA**

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#### **EDUCATION**

Diploma, Computer Systems TechnologyJan 2022 – Dec 2023British Columbia Institute of TechnologyBurnaby, BCDiploma, Architectural and Building TechnologyAug 2017 – May 2020British Columbia Institute of TechnologyBurnaby, BC

**EXPERIENCE** 

#### **Full-Stack Developer (Contract)**

Sep 2023 - Dec 2023

TeraDrive Burnaby, BC

- Designed and developed a full-stack web-based case tracking system with Monday.com API
- Migrated data from Monday.com API to PostgreSQL database
- · Enabled users to perform CRUD operations on cases

# **Software Developer (Contract)**

Apr 2023 - May 2023

MeanIPlanIQ Burnaby, BC

- Developed a feature-rich web application to generate customized meal plans
- · Personalization options for meal plans included user input of BMI and dietary restrictions
- · Hosted web application and database via Google Cloud Platform for seamless accessibility and scalability

## **Junior Technician (Keyholder)**

Sep 2021 - Dec 2021

Bingham + Hill Architects

. Vancouver. BC

- · Interpreted drawing markups and implemented drawing revisions provided by architects and engineers
- Provided specifications of required materials for clients and consultants
- · Reviewed and analyzed project specifications to ensure accuracy and compatibility with design intent

## **Building Technologist (Keyholder)**

Mar 2021 - Sep 2021

Seng Tsoi Architect

Vancouver, BC

- Prepared architectural drawings and models while conforming to BCBC/VBBL and Zoning By-Laws
- Prepared detail drawings and construction assemblies to meet Net Zero and Step 4/5 standards
- Coordinated with manufacturers to compile project specifications based on design and client needs

#### Sales Representative (Keyholder)

Jan 2014 - Apr 2021

Telus Mobility

Vancouver. BC

- Consistently placed top in provincial and national leaderboards with multiple first-place finishes
- · Provided excellent customer service by understanding client needs to recommend ideal services and devices
- Coached team members on how to meet quotas and deescalate situations quickly and effectively

## **PROJECTS**

#### etransfermelater | HTML, CSS, JavaScript

Dec 2023 - Present (Hiatus)

- · Create intuitive interface for easy input of expenses and management of shared costs
- Implement database integration for saving, editing and sharing expenses

PromptVisioQuiz | Node.js, Express, JWT, Python, Flask, PostgreSQL, stable-diffusion

Nov 2023 - Dec 2023

- Developed a full-stack web-application to generate questionnaire
- Users guess which image is correctly generated by the machine learning model (self-hosted)

#### TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C#, SQL, Swift, PHP, C, Kotlin, HTML, CSS

Frameworks: ASP.NET, Node.js, Flask, Laravel

Developer Tools: Git, Docker, Visual Studio Code, JetBrains, Microsoft Azure, Google Cloud Platform

#### **INTERESTS**

Sports: Soccer, Volleyball, Powerlifting

Hobbies: FPS, MOBA, Architecture, Urban Planning, Woodworking