

# JACKIE MA

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## TECHNICAL SKILLS

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**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

## EXPERIENCE

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### 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
- Created new PostgreSQL database to migrate all data from Monday.com
- Enabled users to interact with the database by performing CRUD operations

### Software Developer (Contract)

Apr 2023 – May 2023

*MealPlanIQ*

*Burnaby, BC*

- Developed feature-rich web application to generate customized meal plans
- Implemented personalized meal plans by including user input for 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
- 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*

- Meticulously assessed drawing packages before client review and submission for permit approval
- Coordinated with manufacturers to compile project specifications based on design and client needs

### Sales Representative (Keyholder)

Jan 2014 – Apr 2021

*Telus*

*Vancouver, BC*

- Utilized effective communication to lead provincial and national leaderboards with numerous first-place finishes
- Resolved customer concerns with problem-solving skills akin to software debugging and troubleshooting

## PROJECTS

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### 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 select correctly generated image made by the machine learning model (self-hosted)

### Trendify (Hackathon) | HTML, CSS, JavaScript, Node.js, Express, Google Trends API

Mar 2023

- Utilized Google Trends API to fetch real-time data on programming language popularity
- Designed frontend features to filter by country, region and time period

## EDUCATION

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### Diploma, Computer Systems Technology

*British Columbia Institute of Technology*

Jan 2022 – Dec 2023

*Burnaby, BC*

### Diploma, Architectural and Building Technology

*British Columbia Institute of Technology*

Aug 2017 – May 2020

*Burnaby, BC*