

JACKIE MA

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TECHNICAL SKILLS

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

Databases: PostgreSQL, MySQL, MariaDB, SQLite, Firebase

Frameworks: .NET, Node.js*, Express.js, Flask, Laravel

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

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
- 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

STA

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

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.js, 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.js, 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

Bachelor of Science in Applied Computer Science

Sep 2024 – May 2026

British Columbia Institute of Technology

Burnaby, BC

Diploma in Computer Systems Technology

Jan 2022 – Dec 2023

British Columbia Institute of Technology

Burnaby, BC

Diploma in Architectural and Building Technology

Aug 2017 – May 2020

British Columbia Institute of Technology

Burnaby, BC