Jason Louie

(236) 858-9664 | jason.jw.louie@gmail.com | linkedin.com/in/jason–louie | github.com/chubkey3

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C#, HTML, CSS, Python, Java, C++
Frameworks: React, Next.js, .NET Core, Node.js, Express.js
Database: SQL, MySQL, Entity Framework Core, Prisma
DevOps / Cloud: Google Cloud Platform, Firebase, Docker, Git, Github Actions
Miscellaneous: Jira, Linux, Postman, Nginx

PROJECTS

Receiptify | *C#, .NET Core, GCP, MySQL, Docker, Github Actions, Firebase, Next.js, Jira*   Nov 2024 – June 2025
  - Built a cloud-native personal finance manager allowing users to scan receipts and track spending
  - Used a custom **GCP** Document AI model to extract receipt data and interpret spending information
  - Created RESTful APIs with **.NET Core** and used **Entity Framework Core** for **MySQL** database interaction
  - Orchestrated four interconnected microservices using **Docker**, with CI/CD pipelines via **Github Actions**
  - Implemented secure authentication and session handling using **Firebase** JWT tokens and **Next.js**

Nibblehood | *React, Next.js, TypeScript, Firebase, Tailwind CSS*   Oct 2024
  - Social networking platform created at StormHacks 2024 to enable neighbors to share surplus food
  - Converted 15 mockups into responsive pages using **React** and **Tailwind CSS**
  - Built 10 RESTful backend controllers in well-documented **TypeScript** to manage CRUD operations
  - Utilized **Firebase** to handle user authentication, database management, and file storage
  - Deployed app to cloud **Linux** VM with **Nginx**, enabling secure public access via HTTPS

GoFindr | *MySQL, React, Node.js, Next.js, HTML, CSS, GCP, AWS, Prisma*   Jun 2023
  - Developed a local business discovery app with real-time location features aimed at strengthening communities
  - Created CRUD API endpoints using **Node.js** and **Prisma** ORM interfacing with **MySQL**
  - Translated Figma designs into responsive, mobile-friendly user interfaces using **React**, **HTML**, and **CSS**
  - Integrated Square OAuth and Google Maps API to enhance business visibility and user experience
  - Stored assets in **AWS** and optimized image loading using a CDN

EXPERIENCE

STEMA Learning Centre   Oct 2024 – Aug 2025
Classroom Instructor (Internship)
  - Facilitated 100+ coding, robotics, and digital art lessons in an accessible and fun way
  - Served as acting floor manager, maintaining an engaging environment, and liaising between staff and parents
  - Designed lessons and slide decks to improve educational outcomes and student engagement
  - Maintained a 5-star centre rating on Google through personalized student feedback and parent communication

CTS Youth Society   May 2024 – Aug 2024
Camp Counsellor
  - Supervised 100+ youth in an outdoor environment with zero incidents reported
  - Led logistics for six outdoor camps, including equipment and meal planning
  - Mentored 12 youth volunteers in leadership and program execution
  - Facilitated training sessions for 26 volunteers totaling over 50 hours

EDUCATION

University of British Columbia   2023 – 2028
Bachelor of Science (BSc)   *Vancouver, BC*
  - Discipline Focus: Computer Science
  - Activities: UBC Smart City (Software Engineering Design Team), UBC Launch Pad (Software Development Club), Ultimate Intramurals