IRENE CHEUNG

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SUMMARY

Motivated BCIT Computer Systems Technology student with hands-on experience in full stack development **(JavaScript, Typescript, React, Next.js, Node.js, MongoDB).** Independently built and deployed an **AI-powered tools** using Gemini API to automate workflow processes, significantly improving team efficiency. Strong collaborator with excellent communication, problem-solving, and self-initiative.

TECHNICAL SKILLS

Programming Languages	JavaScript, Typescript, Python, SQL, Java
Frameworks and Libraries	React, Next.js, Node.js, Express, pytest, Tailwind CSS, Material-UI
Databases	MongoDB, MySQL, Firebase
Tools/Other	AWS, GCP, Docker, Gemini API, Figma, Jira, Postman, Agile

WORK EXPERIENCE

Junior Back End Developer | Shop This City   Apr 2025 – Sept 2025
Python, MySQL, Google Gemini API, Google Cloud Functions, Slack API, pytest, Postman, Agile

- Independently developed and deployed an AI automation tool using Gemini API, fully automating product categorization and descriptions, requiring admins only for final approval
- Refined AI response quality using prompt engineering and integrated a Slack-based feedback loop to enable iterative improvements through real-time logging and monitoring in development and production
- Optimized performance by implementing asynchronous processing, leveraging structured AI outputs, and tracking token usage for cost management

Junior Full Stack Developer | Shop This City   Apr 2024 – Dec 2024
React, Next.js, Typescript, Node.js, MongoDB, Context API, Material-UI, Google Analytics, Postman, Figma, Agile

- Designed and implemented a back-end microservice using the Google Analytics API to track product performance metrics, now actively used by the internal team in monthly business reports to guide decision-making and measure goals
- Built a front-end admin analytics interface that utilizes data from the back-end microservice to create an intuitive, filterable interface for admins to monitor product performance
- Proactively took ownership of tasks and consistently delivered high-quality work, which led to a promotion from intern to junior developer within five months
- Collaborated with two front-end developers to build a wholesale ordering application, developing key interfaces like the order summary and order details page to streamline the ordering process between store partners and wholesalers

Front End Developer | Unbox   Apr 2025 – May 2025
React, Typescript, Zustand, Tailwind CSS, Material-UI, Figma, Agile

- Collaborated in a team of five to develop a responsive progressive web application for an e-commerce shipping company, delivering features on an Agile schedule with biweekly client meetings
- Led wireframe and high-fidelity prototyping in Figma, and developed key front-end pages including Invoice and Settings

PROJECTS

Game Developer | "Save the Platypus" | github.com/izcheung/saveThePlatypus   Mar 2024
Java, JavaFX
- Developed a 2D game where players control a platypus to dodge enemy projectiles and increase difficulty by advancing levels
- Applied object-oriented programming (OOP) principles such as classes, inheritance, and encapsulation to design modular and reuseable components, improving code maintainability and scalability
- Implemented dynamic gameplay mechanics such as random projectile generation and speed progression, to provide an engaging and challenging experience for players

Front End Developer | "Schedulize" - QDS Hackathon | github.com/izcheung/schedulize   Mar 2024
Node.js, JavaScript, MongoDB, HTML, CSS
- Collaborated in a team of five to create a web application aimed at enhancing student well-being by generating personalized schedules that break large tasks into manageable segments
- Led the design and front-end development of the landing and calendar pages

Full Stack Developer | "Näborly" | comp1800-dtc04-1214c.web.app/   Oct 2023 – Dec 2023
JavaScript, jQuery, HTML, CSS, Bootstrap, Firebase, Agile, Figma
- Collaborated with two teammates to build an app that aims to help new residents integrate into their communities through a gamified exploration experience
- Developed key interfaces including the landing page, user profile, quest list, review system, and bookmarking functionality

EDUCATION

Computer Systems Technology (CST), Cloud Computing option   Dec 2025 (Expected)
British Columbia Institute of Technology, GPA: 93%   Vancouver, BC

Bachelor of Science Degree in Biochemistry with First Class Honours   Apr 2021
University of Calgary, GPA: 3.9/4.0   Calgary, AB

LEADERSHIP AND VOLUNTEERING

Vice President of Outreach and Social Media Director| Women in Computing   May 2024 – Sept 2025
British Columbia Institute of Technology
- Organized a guest speaker event with an Amazon software engineer, providing insights for 50+ students and fostering industry connections
- Coordinated a company tour with SAP, facilitating valuable industry connections for BCIT students and providing first-hand exposure to real-world tech environments to support career development, attracting around 50 attendees

Night Summit Volunteer   May 2025
Web Summit Vancouver
- Provided friendly and approachable support to attendees, enhancing their experience and assisting with wayfinding at the large-scale tech conference with 15,000+ attendees
- Collaborated with volunteers and staff to ensure smooth event logistics, demonstrating teamwork and communication skills in a fast-paced environment.

HOBBIES: Animal fostering, Digital art, Café hopping, Yoga