

Chen Qian

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EDUCATION

Concordia University

Bachelor of Computer Science General Co-op Program

Montreal, QC

Sept 2019 – May 2024

EXPERIENCE

Software Developer Intern

Bell Canada

May 2023 – Aug 2023

Montreal, QC

- Developed and maintained web applications supporting **4 to 5 million** transactions daily by implementing **RESTful APIs** in Python and leveraging **Kubernetes** and **Docker** to deploy the app on OpenShift.
- Collaborated with cross-functional teams to design and implement **cloud-based microservices** for carrier routing, verification, and blocklisting, ensuring seamless integration with existing systems.
- Built a web-based tool using **Django** for technicians to extract logs from server systems, simplifying the troubleshooting process and improving work efficiency.
- Designed and executed comprehensive end-to-end tests and maintained the **CI/CD** pipeline to verify the application's functionality, performance, and scalability.

Consultant Intern

Big Bang

Jan 2023 – Apr 2023

Montreal, QC

- Provided **ERP** technical solutions to corporate clients such as KMPG, conducted troubleshooting, debugging, and issue fixing using **JavaScript** for the NetSuite systems.
- Created and maintained user roles, permissions, and custom fields to meet security and compliance requirements.
- Utilized version control systems such as **SVN** to manage code repositories and collaborate with remote teams.
- Developed and maintained SuiteScript Scheduled Scripts and Map/Reduce scripts to automate complex business processes, reducing the time taken by the tasks by **30 to 40%**.

Consultant Intern

Big Bang

Jan 2022– Apr 2022

Montreal, QC

- Designed, developed, and deployed **1K+** custom solutions based on SuiteScript and SuiteFlow to improve and automate the billing, invoicing, and payment processes.
- Developed custom scripts, workflows, and reports to meet specific client requirements and improve data visibility.
- Collaborated with cross-functional teams to ensure properly tested and deployed custom solutions.
- Developed custom forms and reports using Suitelets, Saved Searches, and other NetSuite scripting tools.

PROJECTS

Public Healthcare System Web App

Sep 2021 – Dec 2021

- Built a COVID-19 Vaccination Database System for healthcare providers and service users to administrate vaccination distribution by designing a responsive website based on **HTML, CSS, JavaScript, and PHP**.
- Established a **MySQL** database to store and manage the vaccine registration information.
- Developed a search function for users to find vaccine centers nearby and an appointment verification system to prevent fraud.
- Implemented features such as allowing healthcare providers to confirm vaccine administration and allowing users to cancel or reschedule vaccine appointments.

One Mall (Online Shopping Mall) Website *JavaScript, HTML, CSS, PHP*

Jan 2021 – Apr 2021

- Designed and developed a responsive website using **Javascript, PHP, MongoDB, and Bootstrap**.
- Implemented features for customers to view, purchase, and add items to the shopping cart, track orders, and receive real-time updates on the shipping status.
- Created an admin interface to manage stocks and realized user authentication and access control with **OAuth2.0**.
- Constructed a React component library for reusable components, improving future development efficiency and ensuring a consistent frontend design.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML, CSS

Frameworks: React.js, Node.js, Vue, Spring Boot, Django, REST API, Bootstrap

Developer Tools: Git, Github, Gitlab, Jira, Docker, Kubernetes, MongoDB, MySQL