Roger Zhang
Software Engineer @ Wayfair

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📍 Toronto, Canada

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EDUCATION

Bachelor in Software Engineering
McGill University

09/2017 - 05/2021
Montreal , Canada

TECHNICAL SKILLS

Java   Spring

Kafka   Docker

Kubernetes   React

C   C#   Python

SQL   Bash

CERTIFICATES

Microsoft Azure Fundamentals (AZ 900) (10/2021)
Certifies foundational level knowledge of cloud concepts and Azure services

LANGUAGES

French
● ● ● ● ●

English
● ● ● ● ●

Chinese
● ● ● ○ ○

WORK EXPERIENCE

Software Engineer
Wayfair

10/2023 - Present   *Toronto, Canada*
Supplier Advertising

Achievements/Tasks
- Built and launched new full-stack ad offerings (React front-end, Spring Boot back-end), boosting click-through rate by +1.5% and driving $30 M in additional supplier campaign commitments.
- Doubled display-banner revenue from $30 M to $60 M in 18 months by refining placement logic.
- System design and development of multiple brand new ad decisioning micro-services, including thorough metrics, dashboards, logs and run books for each.

Junior Software Engineer
Publicis Sapient

06/2021 - 10/2023   *Toronto, Canada*

Achievements/Tasks
- Full-stack development on Goldman Sachs's new investment initiative that could reach around 10 million customers and bring billions in revenue. REST API contract design, data model design, database design using MongoDB, and backend development using Spring.
- Full-stack development on Goldman Sach's customer assistance tool to provide 24/7 support to millions of customers. Working with Node.js, React, and Spring.
- Consulting with businesses around the world to lead data-driven digital transformations toward a future of more efficient workflows, satisfied customers, and measurable growth.

Contact : Himanshu Bhatia - himanshu.bhatia@publicissapient.com

Software Engineering Intern
Publicis Sapient

06/2020 - 08/2020   *Toronto, Canada*

Achievements/Tasks
- Completely built, deployed, and presented POC aiming to improve grocery pick-up scheduling to Lowblaws Inc. Project was developed with React, Spring, and GCP.
- The project aimed to provide safe and efficient grocery prick-up for millions of customers across Canada during the height of COVID-19.

Contact : Kelcie LaBella - kelcie.bechely@publicissapient.com

Software Development Intern
Promine Inc.

05/2019 - 08/2019   *Quebec, Canada*
Mining and Geology Software

Achievements/Tasks
- Worked on maintaining and developing new Autocad plugins utilized by 100+ mining companies across the globe. Development using C# and Lisp.
- Spearheaded a new project to provide underground area mapping without the use of GPS that functions in mines hundreds of feet deep.

Contact : Yvan Dionne - ydionne@promine.com

PROJECTS

Personal Website (01/2023)
- My personal website presenting my experience, projects, and more details about me!
- Built using NextJS and deployed with Netlify.

Solhouse Live Chat (08/2022)
- Added live chat feature to solhouse.io, a virtual crypto casino built on top of the Solana network.
- The feature was used by hundreds of users daily to socialize while using the website.
- The chat was initially implemented as a discord widget, and then upgraded using socket.io and deployed using Heroku.

NuHealth: Publicis Sapient Hackathon Finalist (04/2022)
- A dual-purpose web app aimed at helping patients manage access to their health information, and providing EMTs with crucial medical data.
- Hoping to help provide the 15 million people of Ontario with easier access to their medical records.
- Built a sleek and responsive UI with NextJS, used Google Firebase to store user data, and deployed with Netlify.