

ROGER XU

Markham, Ontario, L3P 3S5 | roxu1927@outlook.com | (647) 893-9678

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Summary

Results-driven software engineer with hands-on full-stack experience in **Java (Spring Boot)**, **TypeScript/React**, **Python**, and **SQL**. Deliver high-quality features in **Agile** teams, recognized for strong problem-solving, collaboration, and clear communication.

Skills

Languages & Frameworks: Java, Spring Boot, JavaScript, TypeScript, Python, Node.js

Frontend: React, Next.js, HTML, CSS, Tailwind CSS, Material UI, Shadcn

Databases: SQL, PostgreSQL, MongoDB

Cloud & DevOps: AWS, Azure, Docker, GitHub Actions, Azure DevOps, Linux, Git

APIs, Testing & Practices: RESTful APIs, Jest, React Testing Library, Agile/Scrum, OAuth2/JWT

Experience

Software Engineer | Systems Developer (Co-op)

Sep 2024 – Apr 2025

Healthcare of Ontario Pension Plan

Toronto, ON

- Implemented a customizable question feature with **React**, **TypeScript**, increasing engagement by 20% within two-week **Agile** sprints.
- Repaired and optimized **Azure DevOps CI/CD** pipelines by adding lint and unit-test gates, reducing deployment time 30% and improving reliability.
- Automated SharePoint updates via **Azure Runbooks** and **Microsoft Graph API**, eliminating manual ops; raised unit-test coverage from 40% to 85% with **Jest**.
- Contributed enhancements and tests to **Java / Spring Boot** services; wrote **SQL** queries for troubleshooting.
- Integrated a sentiment classifier via **Azure OpenAI Service (C#)** to prioritize tickets, reducing triage time 30%; participated in code reviews and team ceremonies.

Full-Stack Web Developer

Apr 2021 – May 2023

Self-Employed

Toronto, ON

- Built and maintained a property management website using **Java**, **Spring Boot (backend)** and **React + JavaScript (frontend)** to showcase rental listings, market business, and securely store and manage property documents.
- **Developed and deployed a website for a family photography business**, supporting their online presence with responsive design, content updates, and basic SEO optimization.
- Managed the **full development lifecycle** from requirements gathering to feature implementation and deployment.

Property Manager

May 2015 – May 2023

Self-Employed

Toronto, ON

- Managed 25+ rental properties with responsibility for contracts, finances, and tenant relations, strengthening organizational efficiency and stakeholder trust.

Customer Service Representative

Nov 2013 – May 2015

TD Canada Trust

Richmond Hill, ON

- Delivered high-volume financial services with precision and consistency, demonstrating customer-focused problem solving, performance tracking, and adaptability in fast-paced environments.

Projects

Stock Portfolio Tracker | React, Python (FastAPI), PostgreSQL, Tailwind CSS

May 2025

- Built a full-stack portfolio tracker with **React** and **Python (FastAPI)** to add, edit, and monitor stock holdings.

- Integrated **Finnhub** to fetch live prices and compute market value and P/L; persisted data in **PostgreSQL**.
- Delivered a responsive dashboard with tables and charts using **Tailwind CSS** and **Recharts**, improving usability and visualization.
- Developed structured **RESTful APIs**, added unit tests, and containerized services with **Docker** for reproducible local runs and smoother CI.

JobPilot – AI Powered Assistant | TypeScript, Next.js, React, Tailwind CSS, MongoDB

Feb 2025

- Built and deployed a production AI assistant with **Next.js**, **React**, **TypeScript**, **Node.js**, and **LLM APIs** to analyze resume-to-job fit.
- Delivered a responsive UI designed in Figma using **Tailwind CSS** and **Shadcn**, with robust **JWT/OAuth2** and role-based access.
- Implemented secure, scalable **RESTful APIs** for resume parsing, job matching, user management, and **Stripe** subscriptions, with validation and rate limiting.
- Set up **CI/CD** via **GitHub Actions** and **Docker**, maintained 80%+ coverage with **Jest**, and integrated **Datadog** for real-time monitoring.

Education

Diploma in Computer Programming

Apr 2025

Seneca Polytechnic

Toronto, ON

- GPA 4.0/4.0, President's Honour List
- Relevant Coursework: Web Programming Tools & Frameworks, Advanced Databases, Object-Oriented Programming, Software Testing, Data Structures & Algorithms

Master of Commerce and Master of Professional Accounting

Feb 2011

University of Sydney

Sydney, Australia

Bachelor of Economics

June 2008

People University of China

Beijing, China