JEREMY QIAN

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Personal Page ◇ Github

TECHNICAL QUALIFICATIONS

· Skilled with React, Javascript, and, Typescript for UI development
· Skilled with Python (Django) and Java (Spring Boot) for API development
· Experienced with cloud infrastructures - Kubernetes on GCP and AWS
· Skilled with data models, SQL (Postgres & SQL Server) and database schema design
· Experienced designing high complexity distributed system architecture
· Experienced with building and consuming REST or GQL endpoints

WORK EXPERIENCE

Wayfair   Dec 2021 - Present
Software Engineer II

· Utilized Python (Django/Flask) and Java (Spring Boot) to create distributed microservices
· Utilized React-Typescript to create the Finance UI on Wayfair's partner facing website
· Led development of Supplier Invoice pages - Supplier facing dashboard for all upcoming invoices
· Led development of the Deductions project - Recouping 500M yearly in expense
· Actively resolved on-call and critical issues with immediate supplier impact

Wave Accounting   Aug 2020 - Aug 2021
Software Engineer

· Utilized Python Django and React-Typescript on AWS to develop user facing full stack applications
· Led the redesign of the Wave Receipts feature - used by 800,000+ monthly users
· Actively contributed to migrating monolithic architecture into microservices

Thales Canada   Aug 2019 - Jul 2020
Software Analyst (1 year contract)

· Utilized C to develop the onboard control firmware for the Queens Boulevard Line trains
· Utilized Python to implement static code analyzers and custom build tools

Siemens Canada   Apr 2016 - Jun 2019
Software Developer

· Utilized C to create a custom Linux OS for industrial network devices
· Utilized Python and Javascript to create web apps to manage network devices
· Responsible for R&D and product launch of Siemens CloudConnect (IoT Gateway)

PERSONAL PROJECTS

Ribbon Receipts   Web App ◇ App Store

· A microservice based receipt storage app - Built using Java (Spring), Python (Django, Flask), React-Js, and React Native. Available as web app and iOS app. Originally hosted on AWS, later migrated to GCP.

EDUCATION

McMaster University   2012-2017
Bachelors of Software Engineering   *Graduated on the Dean's List*