# Jordan Jamali

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## Skills

- Languages: Java, Python, C++, C#, SQL, Bash, JavaScript, HTML/CSS
- Technologies: Django, Docker, Git, AWS, Kubernetes, Linux, PostgreSQL, CI/CD, React

## Experience

**Backend Software Developer @ Arctic Wolf Networks**                    Sep 2022 – Dec 2022

- Replaced json serialization library in data pipeline to reduce cloud computing loads in **AWS,** saving the company **tens of thousands of dollars** each year
- Constructed GitHub **workflow** and mechanism to automatically generate and recommit OpenAPI specs upon creating a PR in a certain repository
- Used segment.io to create augmented Kafka topic management system using **Go**
- Implemented unit tests to create **98%** code coverage using **test-driven development** principles

**Backend Software Developer @ Canon**                    Jan 2022 – Apr 2022

- Engineered the transition from CQL to SQL while still supporting CQL for software used by over a thousand hospitals worldwide, using Java, **SQL, Liquibase**, and Elasticsearch
- Redesigned and implemented core classes related to the backend schema, responsible for handling **700,000,000+** medical imaging records annually
- Leveraged unit and system tests to optimize various aspects of code using Java, Python, **Kubernetes**, and **Jenkins**, reducing runtimes by up to **8%**
- Lead the implementation of Kerberos and its automatic installation using Java and **Bash**

**Full Stack Software Developer @ 4GL Solutions**                    May 2021 – Aug 2021

- Developed server APIs and logic for ERP application using **Django**, **Docker** and Oracle, and constructed customized and specialized UI components using **React** and Bootstrap to be used across the company
- Delivered server functionality to accept and write spreadsheet data using **pandas,** reducing memory usage by up to **85%** by pre-generating spreadsheet forms and deploying optimal algorithms
- Reduced average time it takes for the user do routine tasks by **24%** by redesigning the user interface and reducing backend load times with threading and load balancing
- Used principles of **test-driven development,** increasing test coverage by **39%**

## Projects

**Intervals** | Django, React, PostgreSQL, Docker, NGINX

- A web application in which users can train their musical ear with a progression system
- Used Django's REST framework and ORM to to create an API complete with accounts and **authentication**

**JungleDiff** | Django, React, PostgreSQL, SciPy

- RESTful application that reveals insights on a user's league of legends gameplay using Riot's API and ML

## Education

**University of Waterloo — BASc Candidate, Biomedical Engineering**                    Sep 2020 – Apr 2025

- Cumulative GPA: **85%**