

# Jarrod Servilla

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## EDUCATION

**University of Toronto**  
BSc Computer Science  
Mathematics Minor  
GPA: 3.42

Sept 2017 - Dec 2021

## SKILLS

<b>Programming Languages:</b>	Java, JavaScript, Python, HTML/CSS, TypeScript, PHP
<b>Frameworks:</b>	React, Django, Express, GraphQL, Spring, Vue, jQuery
<b>Databases:</b>	PostgreSQL, MongoDB, Neo4j
<b>Tools:</b>	Git, Docker, Postman, Figma

## WORK EXPERIENCE

**Technology Analyst Intern**  
*CitiGroup Inc.*

May 2021 - Present  
July 2020 - August 2020

- Migrated legacy infrastructure from monolithic architecture into microservices
- Architected full stack data-entry applications using **Angular & Java/Spring**
- Prototyped portfolio management service proposal with **React**

**Full Stack & Data Developer Co-op**  
*Citylitics Inc.*

August 2020 - April 2021

- Re-architected querying engine using **React**, **CSS**, and **Redux** leading to 150% productivity increase
- Implemented RESTful APIs using **Django** to allow for storage of consumer data, leading to 30% increase in size of key dataset in just 90 days
- Wrote tests verifying standard user flows and edge cases using **JavaScript/Jest**, increasing code coverage to 98%

**Teaching Assistant**  
*University of Toronto*

Jan 2020 - Present

- Developed microservices & api gateway assignment using **Java** backend APIs with a **JavaScript/React** frontend, built and deployed with **Docker**
- Provided technical mentorship for multiple full stack projects over a 4-month scrum development cycle
- Answered questions on course forums with 1000+ students, with 3rd highest contributions amongst TAs

## PROJECTS

**PostureAI React** (200 monthly active users)

<https://postureai.tech/>

- Implemented web application with **React** that periodically checks user's posture using computer vision
- Deployed to **Google Cloud** using **Github Actions**
- Received **Best Use of Google Cloud** at UofTHacks VIII

**UTM TA Application System** *PostgreSQL, React, Node.js* <https://utapcsc.utm.utoronto.ca/utap/>

- Integrated E2E testing into continuous integration/continuous deployment process using **Cypress**
- Resolved accessibility issues reducing issues from 2000+ to achieve WAI-ARIA compliance

**Assignment Marking SaaS** *React, Express, Node.js, Flask, Docker*

- Developed frontend using **React**, allowing course staff to configure and enqueue marking jobs
- Engineered Dockerized microservices with **Node.js** and **Express**