

Shkula Wardak

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Skills	Languages	Python, Typescript, JavaScript, Java, HTML, CSS, SQL	
	Technologies	Angular, Django, Node.js, PostgreSQL, GraphQL, Kubernetes, Docker	
	Tools	AWS RDS, Datadog, Git, JIRA, Linux, GitHub Actions, Terraform	
Education	University of Ottawa // Bachelor of Science in Computer Science		Sep. 2018 – Dec. 2022
Experience	Amazon // Incoming Software Engineering Intern		May 2022 – Jul. 2022
	Vidyard // Software Engineering Intern		Jan. 2022 – Apr. 2022
	<ul style="list-style-type: none">• Replaced REST with GraphQL mutation in-application, speeding up query time by 70%• Improved upon newly introduced multi-tenet developer playground by creating both developer and optimized Kubernetes microservice deployment specs for repositories• Reduced memory utilization by 50% in 4 Kubernetes containers of developer environment• Overhauled repository by converting build system to GitHub Actions, updating deployment infrastructure to Shipit, addressing security issues & adding deployment tracking		
	Zendesk // Software Engineering Intern		Sep. 2021 – Dec. 2021
	<ul style="list-style-type: none">• Wrote a script to automate the scaling up & down of AWS Aurora database clusters using Boto3 & Python, reducing manual execution time by 80% and preventing human error• Increased monitoring on an internal tool by implementing performance monitoring for GraphQL API requests and MySQL queries with the Django framework using Datadog APM		
	Ribbon Communications // Software Engineering Intern		Jan. 2021 - Apr. 2021
	<ul style="list-style-type: none">• Created an upload feature in Angular using Typescript, HTML, CSS that parsed CSV files & inserted data into an input, facilitating users' upload of large amounts of data• Implemented variable link to help documentation based on the current page via JSON mapping• Debugged 50+ logic & styling issues, and establishing form validation on 20+ form inputs		
Leadership	Health Canada // Junior Technical Analyst		Jun. 2020 - Aug. 2020
	<ul style="list-style-type: none">• Implemented SMTP mailer to team inbox from IT site's feedback form using PHP and JavaScript• Developed web content for the IT Services site with HTML, CSS, and JavaScript		
	Project Tech Conferences // Workshops Lead		Mar. 2020 - Present
Projects	<ul style="list-style-type: none">• Led a team in the creation of 10+ workshop events which were presented to 300+ secondary school students on topics in the tech industry such as web development, UI/UX, cybersecurity, and project management, targeting underrepresented communities in technology		
	Technovation // Technical Mentor		Jan. 2020 - May 2022
	<ul style="list-style-type: none">• Mentored 3 groups of 5 girls aged 12-16 in solving a UN Sustainable Development goal through the creation of 3 Android mobile applications, written using Java and Thunkable		
Projects	Cerium Physiotherapy // github.com/swardak/cerium-physiotherapy		
	<ul style="list-style-type: none">• A web frontend for a mock physiotherapy site, made using HTML, CSS, and Bootstrap v5		
	Walk-In-Pal // github.com/swardak/Walk-In-Pal		
	<ul style="list-style-type: none">• Android medical clinic app written in Java, with Firebase for database & authentication.		