

## Anish Khanna

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## Technical Skills

<b>Languages:</b>	JavaScript, TypeScript, HTML, CSS, Java, Python, C/C++, Bash, XSLT 2.0
<b>Technologies:</b>	React, Redux, Angular, RxJS, Node.js, Express, Spring, Django, Flask, Jetty, MySQL, Postgres, ElasticSearch, MongoDB, Material-Ui, D3.js
<b>Other Tools/Frameworks:</b>	AWS, Docker, Kubernetes, Datadog, TensorFlow, Keras, Pandas, NumPy

## Experience

<b>Lifion by ADP</b>	Jan 2021 – Apr 2021
Software Developer – <i>Platform Engineering</i>	New York City, NY
<ul style="list-style-type: none"><li>Planned and implemented several report endpoints within an express service querying historical records from a Postgres database, programmatically emailing results to requesting clients.</li><li>Developed several new features for the transition of an existing custom platform version-control towards a Git-based solution the made use of the latest programmatic git technologies.</li><li>Architected a no-downtime database upgrade process within RDS to minimize client-facing impact of infrastructure updates and corresponded with SRE teams to update company-wide policies.</li></ul>	
<b>Thomson Reuters</b>	May 2020 – Aug 2020
Software Developer – <i>Checkpoint for Tax and Accounting</i>	Toronto, ON
<ul style="list-style-type: none"><li>Improved content searching for documents from multiple publications through enriched algorithmic content ingestion within several Spring Boot microservices and enhanced ElasticSearch configurations.</li><li>Created UI changes in an Angular front-end, primarily making modifications to the knowledge panels component of the app in order to keep updated with industry standards and integrate new content formats.</li><li>Integrated external tools to the platform, allowing them to open in-page and made them searchable.</li></ul>	
<b>Desire2Learn</b>	Sept 2019 – Dec 2019
Software Developer – <i>Research and Labs</i>	Toronto, ON
<ul style="list-style-type: none"><li>Produced a student course events dashboard using React/Redux, enabling users to sync events from various learning portals to a single app that profiled them with Auth0.</li><li>Designed and constructed an app to provide course instructors the ability to understand the strength of course content through programmatic graphs made using D3.js.</li><li>Prototyped a stateless microservice that used various NLP techniques to find string similarities</li></ul>	
<b>Huawei Technologies</b>	Jan 2019 – Apr 2019
Software Research Engineer – <i>Advanced Networking</i>	Kanata, ON
<ul style="list-style-type: none"><li>Constructed a network emulator to analyze the behavior of OSPF and IS-IS routing protocols in routing networks subject to various hyper-dynamic topologies.</li><li>Developed Spring web servers communicating across multiple machines, providing the user with a web interface for adjusting the distributed emulator, maintaining a MySQL database to keep record of the layout.</li></ul>	
<b>Wize.ai</b>	May 2018 – Aug 2018
Software Developer – <i>Core</i>	Markham, ON
<ul style="list-style-type: none"><li>Devised a Web Crawler using Selenium to obtain a live-feed of Sterilizer data, appropriately manipulating received data to store meaningful information in a Firestore database.</li><li>Built Convolutional Neural Networks to identify physical indicator tests through image processing.</li></ul>	

## Education

<b>University of Waterloo</b>   Waterloo, ON	Sept 2017 – Present
<ul style="list-style-type: none"><li>Candidate for Bachelor of Applied Science: Computer Engineering</li></ul>	