CALVIN YAP

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A Computer Science new grad eager to being my career in Software Development. 1 year work experience as an engineer wearing multiple hats around the project pipeline from development to integration.

WORK EXPERIENCE

Newtopia Inc   Sept 2021 - Mar 2022
Security and DevOps Engineer   *Toronto, ON*

· Prototyped and developed a REST API with **AWS API Gateway** to support CRUD operations for secure healthcare data transfers.
· Lead the development of a CloudFormation Template for AWS Account Migration by mapping the relationship between our Salesforce data to a new AuroraDB that accurately maps **120+ objects** for billing purposes.
· Built and deployed a web app using **React** to efficiently train new security hires, shortening the on-boarding process by **2 week**.

Newtopia Inc   May 2021 - Sept 2021
Security and Risk Analyst   *Toronto, ON*

· Developed a SFTP file transfer service using AWS Transfer Family to store meeting recordings and server logs to their respective S3 buckets, automating a daily **30-minute process**.
· Manually preformed **25+ secure code reviews** using OWASP Top 10 and CWE-25, for all Salesforce and React Native releases.

EDUCATION

Ryerson University, Bachelor of Science (B.Sc)   Sept 2017 - Apr 2021
Major in **Computer Science**; CGPA of 3.2/4.3, Dean's Honour List   *Toronto, ON*

SKILLS

Languages and Mark-up	Java, JavaScript, SQL, Python, HTML/CSS
Frameworks and Libraries	React, Node, jQuery
Databases and Tools	Git, MongoDB, CircleCi, Github Actions
Cloud Technologies	AWS, Firebase

PROJECTS

TeamUp (LA-Hacks 2022)   May 2022
React, Firebase (Auth, FireStore,Hosting), Google Maps API

· Created for LA Hacks with local health and wellness in mind, TeamUp is a Full-Stack web application that aims to help users plan local pick up games.
· Utilized **React** to create a frontend client that interacts with the **Google Maps API** to allow for users to click and create events in real time. Used **Firebase** for our backend as it provides a lightweight solution for a database and user authentication.

NKS Kiosk V2   Jun 2021 - Jul 2021
Java, Firebase Authentication

· Developed a Kiosk Android App for Northern Karate to lockdown devices for Single-Sign-On class registration. Built using Android Studio with **100+ daily user interactions**.

LiftMaster Pricing Web App   Mar 2020 - Aug 2020
AngularJS, PHP, Firebase

· Built a pricing tool for LiftMaster Garage Systems (**25 daily users**) to replace the previous Excel lookup approach, improving the quoting process by **80%**.
· Created using AngularJS to take advantage of its 2-way data binding, along with the built-in HTTP service to allow for efficient access to local PHP data files.