




GOVIND NAIR

✉ g4nair@uwaterloo.ca  linkedin.com/in/govindnairo2  github.com/GovindN75  govindnair.netlify.app
📞 +1 (647)-676-2835

EDUCATION

University of Waterloo

Bachelor of Computer Science (BCS)

GPA: 3.71/4.0

Relevant Courses: Concurrency, Data-Intensive Distributed Computing, Database Systems, Object Oriented Programming, Introduction to AI, Data Structures, Algorithms, Applied Cryptography

Sep 2020 – Apr 2025

Waterloo, ON

SKILLS

Languages: Python, Go, C++, Java, JavaScript, TypeScript, SQL, Kotlin, Scala, HTML/CSS, Racket

Technologies/Frameworks: Node.js, React.js, Angular.js, Express.js, Redux, Docker, Kubernetes, GraphQL, Git

EXPERIENCE

Mantle (Ten Key Labs Inc)

Software Engineering Associate

May 2024 – Aug 2024

Toronto, ON

- Implemented custom prefixes for **3** securities (Shares, Options, Warrants) using **Golang**, **React.js (TypeScript)**, and **PostgreSQL**, providing **120+** clients with more flexibility when drafting securities
- Building a data verification flow and optimizing prompts, to allow users to verify data extracted from various documents using **Gemini AI**

Royal Bank of Canada

Cloud Data Engineer

Sep 2023 – Dec 2023

Toronto, ON

- Developed real-time ETL pipelines processing **1.5 Million+** entries daily to integrate data with containerized applications and an Azure SQL database using **PySpark**, **Apache Airflow**, and **Azure Databricks**
- Migrated deprecated data pipelines to an Airflow architecture, efficiently transferring and transforming financial data of **100K+** accounts from an **AWS S3** bucket to an **Azure SQL** database

Nokia

Software Tester

Jan 2023 – Apr 2023

Ottawa, ON

- Optimized the patch process for various Network Services Platform(NSP) software versions, achieving an **80%** reduction in testing time, by automating procedures using **Robot Framework**
- Spearheaded the development of an automation script for VM creation in **Python**, successfully streamlining testing procedures and resulting in a **50%** reduction in testing time
- Validated the suitability of the latest **Kubernetes** seed image versions in **qcow** and **ova** formats for **OpenStack** usage, by creating **Red-Hat Linux VMs** and conducting comprehensive tests to ensure compatibility
- Verified the readiness of the latest **Red Hat Linux ISO image** for production use, by validating the installation of **100+ RPM** packages

Nokia

Web Developer

May 2022 – Sep 2022

Ottawa, ON

- Enhanced data search efficiency by over **50%**, by implementing number and enum filters to various Ag-grid client-side and server-side tables
- Implemented persisting row selection between nested tables to improve user experience and consistency, by using **React.js** and **Redux**
- Boosted team productivity, by utilizing **Jira** within a **Scrum** team to create and report issues, fostering effective collaboration and communication

SS&C Technologies Holdings

Full-Stack Developer

Sep 2021 - Dec 2021

Toronto, ON

- Designed and implemented a modular dynamically generating table component, to display financial data on the GUI using **Angular**, **TypeScript**, and **Tailwind**
- Facilitated data display on the GUI, by creating **GraphQL** mutations with **Apollo-Angular** to communicate with a **Spring** microservice, ensuring efficient reception, filtering, and presentation of data
- Established seamless interaction between the Angular front-end and multiple microservices, by implementing **Schemas** and **Resolvers** for a **GraphQL** middle tier
- Boosted code coverage to above **80%**, by developing and updating unit tests with **JUnit** and **Mockito**