

# HANI KANAAN

(647) 685-6501 | [hkanaan1999@gmail.com](mailto:hkanaan1999@gmail.com) | Canada | [hanikanaan.github.io](https://hanikanaan.github.io)

---

## SUMMARY

- Highly skilled Full Stack Developer with extensive knowledge and experience in front-end Development and Back-end Development and, using ReactJS, NodeJS, Javascript/Typescript, Python, VB.Net, C/C++, SQL, MongoDB, etc
- Skilled in Data Science, Data Engineering, Deep Learning, Machine Learning (ML), and Artificial intelligence (AI) to provide scalable analytics solutions to identify, implement and measure quick actions for strategic business decisions
- Solid understanding of different stages of the Software Development Life Cycle including (SDLC) requirement analysis, design, development, testing, deployment and support, and maintenance with various methodologies such as Waterfall and Agile models
- Highly capable of communicating with customers effectively at all stages of the project cycle to define requirements and technical specifications
- Experience with NetSuite Warehouse Management and Order Management on a large scale
- Excellent interpersonal and communication ability that can effectively communicate with clients, vendors, and cross-functional stakeholders to achieve project priorities and deadlines

## EDUCATION

**York University – BSc in Computer Science**

**Sep 2017 – Apr 2022**

## PROFESSIONAL EXPERIENCE

**Ollon | Toronto, ON**

**Software Developer**

**Apr 2022 – Current**

- Performed back-end development using object-oriented programming (OOP) concepts Python, Asp.Net, and front-end web development using HTML, CSS, JavaScript, jQuery, AngularJS, NodeJS, etc.
- Implemented monitors for API based on load and uptime requirements using k6 and Postman Monitors, finding several hidden issues regarding overloaded APIs based on ECS instance specifications
- Designed and developed data cleansing routines utilizing typical data quality functions involving standardization, transformation, rationalization, linking, matching, query fine-tuning & index rebuild, and detecting performance problems using the NoSQL database
- Used Git to collaboratively work on the code with various stakeholders without comprising the integrity of the original project
- Applied principles and methodologies of Scrum agile development practices; documented and tested to ensure the quality of the completed work requirement, and performed daily code reviews
- Involved in SDLC of tracking the requirements, gathering, analysis, detailed design, development, automation testing, unit testing, system testing, and user acceptance testing

### Key Highlights

- Transitioned 6 projects from Python 2.7 to Python 3.6 (app code, test cases, and database migrations) for a large university with nearly 20,000 students, including end-to-end implementation of a new student ethnicity prompt in the new student application process
- Created a machine learning model for basketball activities using Darknet, including gathering, cleaning, labelling data, and tested each new model with images and videos to assess the accuracy of the model, reaching 80% mAP
- Developed and maintained an electronic medical record and clinic management web application for a clinic group including functionality such as faxing, staff schedule management, patient profiles, and form annotation
- Executed penetration testing for a sexual violence reporting website to assess anonymity requirements are met and legal compliance is adhered to, finding several exploitable packages and routes which were promptly fixed
- Introduced a monthly infrastructure review using Snyk.io, AWS Security Hub, and Microsoft Defender for Cloud, reducing issues by 30% on AWS security foundation tests and base security benchmarks, reducing vulnerabilities by 90% on Snyk.io, and reducing Azure costs by 60% over 2 months

York University | Toronto, ON

## **PASS Leader**

Jan 2019 – Apr 2022

- Mentored students in advanced courses such as object oriented programming, database systems, transcendental calculus, discrete math and set theory
- Led numerous summary lessons to assist students in getting prepared for midterm and final exams
- Assisted with professors' office hours by answering questions regarding course content
- Supervised coding labs for students which involved giving hints, assisting with environment setup, and troubleshooting their code

### **Key Highlights**

- 80% of students seeking help performed better on assessments than the course median
- Taught novice programmers code syntax, OO principles, and debugging in Java using Eclipse IDE
- Covered complex topics such as differences between cardinals and ordinals, integration techniques, divergence test, and vector calculus

Ollon | Toronto, ON

## **Software Development Intern**

May 2021 – Dec 2021

- Wrote maintainable and testable software in collaboration with senior software developers using JavaScript and Python, using frameworks such as NodeJS, ReactJS and Flask
- Participated in code review cycles to improve code quality and efficiency
- Used Git to collaboratively work on the code with various stakeholders without compromising the integrity of the original project
- Extensively tested both back and front end for numerous applications locally, on staging, and on production sites

### **Key Highlights**

- Embedded PowerBI analytics into an industrial machinery company's site, resulting in easier customer acquisition
- Worked within NetSuite WMS to find hundreds of missing SKU codes for a large retailer
- Developed a mobile application for B2B delivery, management, and sales for the largest ice distributor in North America
- Created a sales reporting webpage for an office stationary distributor, showcasing sales trends, forecasts, and heat maps of products

Grafton Apparel | Mississauga, ON

## **Sales Associate**

Jun 2015 – Mar 2020

- Pitched and sold products to customers for important events such as business meetings, weddings, and graduation ceremonies
- Measured, fit and marked clothing for the tailoring needs of customers
- Assisted in semi annual inventory tracking, involving the check in of thousands of items and reporting any discrepancies
- Oversaw weekly shipping schedules and handled shipments of menswear upon arrival to ensure that the new products were available to customers as soon as possible

### **Key Highlights**

- Led the team in gross weekly sales on numerous occasions
- Led the team in sales generated per hour throughout the period of Q1 to Q3 in 2019
- Consistently surpassed monthly KPI expectations for full time employees as a part time associate

## **TECHNICAL SKILLS**

**Frontend Languages:** CSS3, HTML5, Javascript/TypeScript, jQuery, XML

**Frameworks:** AngularJS, jQuery, NodeJS, ReactJS, React Native, Django, k6, Flask

**Backend Languages:** Python, Java, J2EE, C#/.Net, ASP.Net, PHP, C, C++

**Databases:** SQL, MySQL, DB2, Oracle, NoSQL, MongoDB

**Software Tools:** Git, Visual Studio Code, SVN, Jira, Bitbucket, Maven, Eclipse, IDE

**Machine Learning & Business Intelligence:** Python, R, PowerBI, Tableau,

**Cloud Computing:** Azure, AWS, Google Cloud

**Methodologies:** SDLC, Waterfall, Agile, TDD, BDD, XP

**Enterprise Resource Planning:** NetSuite WMS, NetSuite OMS