

# Kingsley Okon, Software Engineer

kingsleyokon09@gmail.com

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## LINKS

[Portfolio](#), [Github](#), [Linkedin](#)

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## PROFILE

Final year Software Engineering student with a focus on software development and a passion for continuous learning. Proficient in programming languages such as Java, Python, Ruby on Rails, and Typescript. Experienced with relational and non-relational databases, Git, and Docker. Demonstrated effective self-management and collaborative skills in both independent and team-based projects. Detail-oriented and creative, with a knack for solving complex problems.

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## EMPLOYMENT HISTORY

Jul 2022 — Present

**Undergraduate Research Assistant, EXINES lab at Lassonde School of Engineering, York University**

Toronto, ON

- Leveraged data mining techniques to identify patterns and anomalies in open source marketplaces, generating valuable insights.
- Assisted in compiling and documenting research findings, contributing to the identification of emerging trends and market dynamics.

Apr 2022 — Present

**Co-Founder & Software Engineer, Blens (blens.ca)**

Toronto, ON

- Co-founded Blens, a startup empowering creatives with innovative tools to maximize their craft.
- Played a key role in Blens' inception and strategic planning, shaping its mission and vision.
- Developed initial system documentation and design for Blens, facilitating continuous platform iteration and improvement.
- Contributed to full-stack development of a dynamic website for Blens, enhancing user experience with features for showcasing and managing creative services and portfolios.
- Collaborated with the founding team for flawless integration of components, ensuring platform stability and performance through rigorous testing and deployment.

Jan 2023 — Apr 2023

**Software Research Assistant - GUI-Based APT Database (GBAD), SecRAY Lab, Lassonde School of Engineering, York University**

Toronto, ON

- Developed data retrieval scripts for efficient synthesis of APT group profiles from the MITRE ATT&CK CTI database.
- Collaborated with a cross-functional team to integrate data retrieval scripts into the GBAD software framework, enhancing access to APT group profiles and targeting information via a user-friendly GUI.

Sep 2022 — Apr 2023

**Software Engineering Lab Assistant, Lassonde School of Engineering, York University**

Toronto, ON

EECS4312 Software Engineering Requirements

- Evaluated and provided feedback on student assignments, fostering improved understanding and academic growth.
- Fostered a supportive learning environment through student engagement, promotion of academic integrity, and exam compliance monitoring.

Nov 2017 — Nov 2018

**Smartphone Repair Technician, Samsung Canada**

Toronto, ON

- Restored phone functionality within an hour by expertly replacing defective components, ensuring prompt customer service.

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## EDUCATION

Sep 2018 — Present

**B.Eng., Spec. Hons. in Software Engineering (Cyber-Security stream), Expected 2024, York University**

Toronto, ON

- B.Eng., Spec. Hons. in Software Engineering (Cyber-Security stream) by 2024
- *Relevant Coursework:* Engineering Project, Software Engineering Testing/Requirements, Mission Critical Systems, Algorithm Design & Analysis, Computer Security Laboratory, Computer Network Protocols & Applications etc.

Jan 2016 — Jun 2017

## Diploma in Electronics Engineering Technician Program, Centennial College

Scarborough, ON

- Diploma in the Electronics Engineering Technician Program
- *Relevant Coursework:* C/C++ Programming, Micro-controller Programming & Interfacing, Digital Systems, RF Communications, System Integration, Quality Control & Technician Project, Electronics Circuits, Electric Circuits.

Sep 2009 — Apr 2015

## Secondary School certificate (9/9 distinctions), Rainbow College Boarding School

Maba, Ogun State, Nigeria

- Completed my WAEC with 9/9 distinctions
- Captained the Rainbow College football team in 2015
- Ran track for the Rainbow college track team

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### SKILLS

SQL

PHP

Research

C/C++

Java

MySQL

HTML/CSS

NextJs

Python

Firebase

JavaScript

AdonisJs

TypeScript

Docker

Node.js

PostgreSQL

React/React Native

Smartphone Repair

Ruby on Rails

Hardware Troubleshooting

Git

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### PROJECTS

Sep 2022 — Apr 2023

#### NotePredict (Capstone Project)

React, Javascript, Python

- Developed NotePredict, a capstone web app that optimizes Jupyter notebook organization using deep learning, enhancing efficiency for data scientists and researchers.
- NotePredict allows users to upload a notebook, sorts it, and returns the sorted notebook with a readability score.

Jan 2023 — Apr 2023

#### Help desk app (Computer security Project)

React, Typescript, Node.js

- Contributed to the development and testing of a secure Help Desk App, enhancing client-admin communication and improving app reliability and user experience.

#### Personal Portfolio Website

React, Firebase, SCSS

- Built a personal portfolio website using React and SCSS to practice my web development skills.

#### Express Parking

Java, Java Swing

- Developed an application to automate parking booking and management, streamlining processes for users and parking authorities.

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### LEADERSHIP

#### Head Boy

Rainbow College

- Served as Head Boy for the Rainbow College class of 2015, representing and overseeing the well-being of over 800 students.