

Kingsley Okon

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EDUCATION

York University

Bachelor of Engineering with Specialized Honors - Software Engineering (Cyber-security)

Toronto, ON

Graduation Date: Jun 2024

Centennial College

College Diploma - Electronics Engineering

Scarborough, ON

Graduation Date: Jun 2017

WORK EXPERIENCE

B-Lens Corp. ([blens.ca](#))

Co-Founder & Software Engineer

Toronto, ON

Apr 2022 - May 2024

- Developed and launched a full-stack Ruby on Rails marketplace and CRM for visual creatives, boosting online engagement by 30% and helping hundreds of creatives grow their businesses.
- Managed platform operations using AWS (S3, SES), Heroku, and GitHub, ensuring high scalability and optimized performance.
- Enhanced user experience with Hotwire (Stimulus JS and Turbo), creating a dynamic and responsive application. Led Agile development cycles to deliver high-quality software solutions focused on user needs and growth.

EXINES lab, York University

Research Assistant (Software)

Toronto, ON

Jul 2022 - Apr 2024

- Built and enhanced web applications using React and Next.js and conducted privacy audits on Atlassian Marketplace apps, improving software privacy and security.
- Collaborated with postgraduate research teams to extract and validate data on app features and ratings, ensuring accurate trend analysis for better insights.
- Developed Python scripts to automate data collection and scraping from APIs and websites, accelerating open-source software analysis by 50%.

SecRAY Lab, York University

Research Assistant - GUI-Based APT Database (GBAD)

Toronto, ON

Jan 2023 - Apr 2023

- Developed data retrieval scripts to efficiently gather APT group profiles from the MITRE ATT&CK CTI database, streamlining the data collection process.
- Integrated scripts into the GBAD software framework with a cross-functional team, ensuring seamless functionality and performance.
- Improved accessibility to APT group profiles by developing a user-friendly GUI with React, enhancing user experience.

RELEVANT PROJECTS

York University

[AuctionZone: Building E-commerce Systems Project](#)

Final grade: A+

Sep 2023 - Dec 2024

- Developed a secure microservice-based auction platform to manage item catalogs, live auctions, user accounts/authentication, and payments. Implemented real-time bidding using web sockets and secure payment processing with stripe.
- Led the project team, organizing tasks, managing workflow, and ensuring high-quality deliverables. Designed RESTful APIs and conducted thorough testing with JUnit and Selenium, ensuring system scalability and reliability.
- Applied Technical Skills:** Microservice architecture, Java (Spring Boot), front-end development with Next.js, database management with MySQL, API design, testing (JUnit, Selenium), and team leadership.

York University

[NotePredict: Engineering Capstone Project](#)

Final grade: A

Sep 2022 - Apr 2023

- Developed NotePredict, a deep learning web app to optimize Jupyter notebook organization for data scientists and researchers. Fine-tuned DeBERTa V3 large to predict the correct order of cells, improving notebook readability and usability.
- Led the project team, ensuring timely delivery of features for notebook upload, sorting, and readability scoring.
- Applied Technical Skills:** Web app development, deep learning, AWS EC2, Python, Flask, front-end development with React, database management with PostgreSQL, and project leadership.

SKILLS

Technical:

Java, Python, JavaScript, Ruby, SQL, Spring Boot, Next.js, Ruby on Rails, Django, Flask, React, AWS, Azure VMs, Heroku, Docker, GitHub, Azure DevOps, RESTful APIs, MySQL, PostgreSQL.

Soft:

Project management, team leadership, Agile methodologies, collaboration, communication, problem-solving, adaptability, attention to detail, time management, creativity, continuous learning.