

# Daniel Inioluwa Akanmu

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## Software Developer

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### Skills

**Languages** | Python, JavaScript, Java, C, CSS, HTML, SQL, TypeScript

**Frameworks** | Django, Node.js, Express.js, React.js, Flask, Angular

**Technologies** | Android Studio, Docker, Figma, AWS

**Databases** | MongoDB, PostgreSQL, Firebase

**Miscellaneous** | Data Structures & Algorithms, Design Patterns, Artificial Intelligence and Machine Learning, System Design, Git/GitHub, Mobile Dev, Frontend, Backend, Full stack, CI/CD, Testing, Agile, Scrum, OOP, Project Management, Linux, MacOS, Windows, Cloud Computing, REST API

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### Experience

**Bell Canada, Mississauga, ON**

**Software Developer Intern (Bell Mobility)**

05/2024 – 09/2023

- **Developed a Generator Oil Runtime Alert System:** Automated the process of tracking generator runtime to alert for timely oil changes, preventing costly equipment failures and ensuring compliance with warranty standards, preventing generator repair/replacement cost by \$100,000~ per generator.
- **Utilized MongoDB for Data Management:** Managed and retrieved data from collections such as BMV\_NRMLITE\_GENERATOR\_INFO, scadaGraphData, and RanDB to monitor generators and power plants.
- **Created Scripts for Equipment Data Export:** Developed JavaScript scripts to gather historical performance data from power plants and generators, enabling predictive maintenance and system-level assessments.
- **Collaborated with Vendors and Teams:** Worked closely with internal teams and external vendors (Energysys) to support the integration of data into their Next Generation HP controller.

**Bell Canada, Mississauga, ON**

**Software Developer Intern (Wireline)**

05/2023 – 09/2023

- Integrated new notification system for a production application using Flask framework, MySQL, JavaScript, and jQuery, resulting in a seamless deployment with positive user feedback.
  - Migrated ETL pipelines from Impala to Trino, and from MySQL to SSMS using Airflow, ensuring data validity and availability during nightly data pulls, increasing data accuracy by 25%.
  - Collaborated on a team of full-stack developers within a SCRUM framework by participating in sprint planning sessions, conducting daily stand-ups, and resolving designated Jira Service Desk tickets promptly during dynamic two-week sprints.
  - Verified ETL operations by leveraging the Linux command line on a dedicated development server, ensuring smooth transitions of deployments to the production server, minimizing service interruptions or data loss during significant updates by 15%.
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### Projects

**Stock Price Prediction Web App | Python (Flask), HTML, CSS, JavaScript**

- Developed and integrated a web application using Flask, HTML/CSS/JavaScript, and Python to fetch historical stock data and predict stock prices using a PyTorch-powered LSTM model.
- Created an interactive user interface allowing users to input stock symbols and view predicted prices on a graph, showcasing the ability to blend multiple technologies and libraries in a comprehensive project.

**Stool | JavaScript, CSS, HTML, MongoDB, Express.js, React.js Node.js**

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#### **QR Code Hunter | Java, Android Studio, Fire-Store**

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### **Education**

B.S. in Computer Science - University of Alberta | Graduating May 2025