Eric Ngoiya

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EDUCATION

- **York University**   Toronto, Ontario
  Bachelor of Science - Computer Science
  Courses: *Data Structures, Analysis Of Algorithms, Software design, Networking, Databases*

SKILLS SUMMARY

- **Languages**:   Python, SQL, Bash, Java, Go, JavaScript
- **Frameworks**:   Spring Boot, React
- **Tools**:   Visual Studio Code, GIT, Docker, Google Cloud Platform

EXPERIENCE

- **Information Technology Administrator - York University (Sept 2019 - Apr 2020)**:
  * Provided Information Technology support for a team of 30+ office personnel using a ticketing system.
  * Serviced **hardware**, **software**, and **network** technical support, mitigating the risk of downtime by 20%.
  * Signed up new workstation users onto the company network while ensuring the right credentials and **permissions** are provisioned for each user.
  * Performed routine **data backup** for company on premise **servers** and website as well as liaised with software vendors for software purchases.
  * Conducted daily monitoring and auditing of connected devices such as TVs, landline, 2 on-premise servers, and over 30 connected workstation computers on both **Windows** and **Linux**.
  * Collaborated in a cross functional team to ship new features for the company website.

PROJECTS

- **To-do App (API/Back-End)**: Engineered an application programming interface using spring-boot and java persistence api to serve endpoints for user authentication, task creation, editing and deletion for authenticated users. Tools: : **Java, Spring-boot, Swagger, jpa, Postgresql** Link: To-do
- **Headphone Connector (Automation)**: Implemented a script that fetches recently connected I/O device's mac address and connects to it periodically via Bluetooth if connection has timed out. Increasing device connectivity time by 15% Tools: **Python, Blueutil, Homebrew**   Link: Code
- **Shell (Operating Systems)**: Implemented from instruction a command line interpreter that works with piped commands that support foreground and background processes. Tools: **C** Link: Shell
- **Battery visualizer(Front-End)**: Visualizer tool for checking battery health for Tesla cars so users can predict battery health in various weather conditions using react components and redux for state management Tools: **React**, **Redux** & **Vercel** Link: battery visualizer

CLOUD SKILLS

- **Container & Dependency Management (Google Cloud Platform)** : Created and managed repositories for **Docker** containers and language Packages such as **maven** for **Java** dependencies utilizing **Artifact Registry** through **Cloud Code & Cloud Shell.**
- **Continuous Integration & Continuous Deployment (Google Cloud Platform)**: Created a **CI/CD** pipeline that automatically builds a **docker** container image from committed code through the **app repository**, stores the image in **Artifact Registry** then updates the **Kubernetes manifest** stored in the **env repository** followed by deployment of the application through **Cloud deploy** to the **Kubernetes Engine** utilizing **Cloud Build** to manage deployment failures and rollbacks
- **Canary Deployments (Google Cloud Platform)**: Implemented a **trigger** activated from code pushed to main branch that deploys 10% of all live traffic to a unique **Canary URL**. Promoting the application through the targets after the canary deployment is validated in the delivery pipeline

HONORS AND AWARDS

- Lassonde Entrance Scholarship - 2017
- IBM Enterprise Design Thinking : **Certificate** - 2022
- Google Developer Profile **Skills** Link: Profile