AKILA KAVISINGHE

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SUMMARY

I am a results-driven software engineer with over three years of experience, adept at translating intricate challenges into impactful solutions. Specialised in optimising enterprise processes, elevating user interfaces, and constructing resilient back-end systems, I consistently prioritise excellence in my work.

PROFESSIONAL EXPERIENCE

LIFION Platform Back-End Developer - Automatic Data Processing (ADP)   March 2023 - September 2023
- Proficiently adopted Go and architected a CGI service, boosting traffic efficiency by 30%.
- Developed Jenkins deployment scripts for dynamic CGI variable changes, enhancing deployment efficiency by 50%.
- Mastered Dynatrace and Kibana, crafting custom dashboards and alerts, leading to 25 bug resolutions via vigilant monitoring.
- Led a task force improving functional parity between a legacy Node engine and a Java Spring Boot engine from 80% to 95%.

Full Stack Software Developer - Automatic Data Processing (ADP)   September 2022 - March 2023
- Resolved 20 frontend and backend issues using Java Spring Boot and React debugging, safeguarding client relationships.
- Drove a 100% accessibility compliance increase via meticulous front-end component audits and modifications.
- Contributed to a UI component upgrade initiative, participating in end-to-end testing and clarifying functionalities.

Full Stack Software Developer - Bell Canada via Artificial Silicon   April 2021 - September 2022
- Designed a service automating power plant control interface password rotation, improving security and efficiency by 15%.
- Designed a webscraper using Selenium used to automate interactions with power plant control interface

Data Analytics Software Developer - Caseware International   May 2020 - August 2021
- Contributed to code migration and refactoring of deployment and ETL pipelines using the NX build framework and GitHub Actions.
- Developed and maintained software "bindings" utilising external accounting software APIs, employing New Relic for debugging system bottlenecks.

PROJECTS

Amber Alert Plus *(Django, Python, Javascript, UI/Website Design, Full Stack)*   September 2020 - April 2021
- Led a software engineering team in a comprehensive overhaul of the Ontario Amber Alert system, significantly improving its efficiency and responsiveness.
- Enhanced alerts with visual data and real-time updates, established a centralised information hub for public engagement, facilitated easy sighting reports, and bolstered security measures to ensure data integrity and public confidence.

EDUCATION & CERTIFICATIONS

Bachelors of Engineering - Software Engineering (Co-Op) | McMaster University | 3.7 GPA   2017 - 2022
AWS Certified Cloud Practitioner Certification   In Progress

SKILLS

Programming Languages: JavaScript/TypeScript, Java, Python, Go (Golang), C/C++, SQL, NoSQL, Swift
Web Development & Frameworks: HTML, CSS, Thymeleaf, React, Redux, jQuery, Angular, Node.js, Express, Django, Flask, PHP, Laravel
Tools & Technologies: Docker, Kubernetes, Spring Boot, Jenkins, Git, AWS, Azure, GCP, MySQL, PostgreSQL, Nginx, JQuery, MongoDB, Redis, Jest, Mocha, Apache Kafka, Jasmine, Selenium, Ubuntu, Linux, Elastic Search, Kibana, Maven, Gradle, AGILE, JIRA
Interests: Artificial Intelligence, Prompt Engineering, Music Production, Audio DSP Programming