Sulaxan Pius

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- High proficiency in frontend and backend development as evidenced by prior work experience and a diverse portfolio of academic and personal projects.

- Strong interpersonal, organizational, and time management expertise in both professional and academic settings to drive success.

- Strong willingness and motivation to continually learn and adapt to new environments and technologies.

SKILLS

Languages: Java, Python, Rust, TypeScript, JavaScript
Web Development: REST APIs, Spring Boot, SvelteJS, HTML, CSS, TailwindCSS
Databases: SQL, MySQL, OracleDB, NoSQL, MongoDB, Redis
Other Technologies: Linux, Docker, Git, AWS (S3, SageMaker), Kubernetes, gRPC, Bash

EXPERIENCE

Software Developer (Co-op) – Caseware International Inc., *Toronto, Canada*   May – Dec 2020
- Maintained and extended the functionality of over 5 microservices, resulting in significant improvements in system reliability and user experience/satisfaction.
- Played a pivotal role in pioneering an SDK, enabling external developers to extend the platform-as-a-service (PaaS) product, and in turn increasing platform versatility for end users.
- Spearheaded two pivotal Proof-of-Concept (PoC) initiatives, instrumental in the successful rollout and sustained impact of innovative product lines.
- Practiced Test Driven Development, ensuring high-quality code production with 95%+ code coverage.
- **Skills:** Java, Python, TypeScript, Spring Boot, Tornado, Angular, AWS, Kubernetes, Git, Bash, Time Management, Communication, Collaboration, Decision Making, Documentation

PROJECTS

Personal Website: www.sulaxan.com – For more information and projects.

Winbar – Windows Status Bar   Apr 2024 – Present
- Creating an intuitive, high-performance, open-source status bar for Windows 10/11 users to easily enhance desktop functionality through a Command Line Interace (CLI) and a user-friendly configuration system.
- Designed and integrated a plugin system and TCP server, empowering users to programmatically interact with and extend the status bar.
- **Skills:** Rust, Tokio, Windows API, Git, Open-Source Software Management

Esenate – Discord Bot   Oct 2018 – Present
- Engineering a feature-rich Discord bot providing utilities and games, catering to a community of over 100 active users.
- Deployed using Docker and microservice architecture, resulting in scalability, ease of maintenance, and consistent 99.9% uptime.
- Implemented communication between microservices using REST APIs, and optimized services for response times under 10 milliseconds.
- **Skills:** Java, Spring MVC, MongoDB, Docker, Git, Planning

Lolprodle – Website   Jun - Jul 2023
- Innovated an engaging Wordle-style game specifically designed for League of Legends professionals, offering daily challenges with a global reach across North America, Europe, Korea, and China.
- Engineered a robust backend in Rust, providing a REST API that powers the Svelte frontend.
- Authored comprehensive REST API documentation adhering to the OpenAPI specification and generated a TypeScript API client, streamlining the development workflow and saving over 10 hours of development time.
- **Skills:** TypeScript, Svelte, SvelteKit, Rust, Rocket, Python, OpenAPI, Docker, Git, Leadership, Communication, Collaboration, Goal Setting, Planning

EDUCATION

B.Sc., Computer Science – Toronto Metropolitan University, *Toronto, Canada*   2023
- CGPA: 3.92
- Honored as a recipient of the Dean's List Award three times for maintaining a full school year GPA of over 3.5.
- Recognized with the TMU Entrance Scholarship for outstanding academic performance, achieving over 90% in high school.
- **Courses**: Data Structures, Algorithms, Operating Systems, Database Systems, Computer Networks, Computer Vision, Cryptography