Januston Nicholas

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Skills

Languages   Typescript, JavaScript, HTML, CSS/SASS, Java, C/C++, Python, Kotlin, PHP, SQL (MySQL, PostgreSQL)

Frameworks   Angular 2+, AngularJS, Apache Nifi, Apache Tomcat, Bootstrap, Drupal 8, Electron, Firebase, Git, LTI (Learning Tools Interoperability), LMS (Learning Management System), React, Spring Boot.

Tools   Chrome Extensions, Figma, GitHub, VS Code, Android Studio, Postman, Five9, Photoshop, SQL Developer, Soap UI, Jasmine

Work Experience

Appficiency   *Toronto, ON*
Software Developer   *Sept 2023 - Dec 2023*
- Collaborated on **NetSuite** projects and implemented advanced functionalities using **JavaScript** and **SuiteScript 2.x**

Yuja   *North York, ON*
Full Stack Developer   *Jan 2023 - Apr 2023*
- **Developed API endpoints** to enable communication between extension code and server code, as well as to integrate with Learning Tools Interoperability (**LTI**) endpoints. These efforts facilitated seamless integration of the extension with various LTI-enabled platforms, enhancing its functionality and usability for end-users
- **Established authentication workflows** for Canvas and D2L learning management systems (**LMS**), enabling generation of **access tokens** for **automated quiz creation**. This streamlined the quiz creation process, reducing manual setup time while enhancing overall efficiency
- **Redesigned quiz settings page** and added new features, such as profile saving and exemption of students from proctoring requirements, using **React**, to reduce the time and effort required for quiz editing and provide greater flexibility and control for instructors
- **Updated and developed quiz interception code** in both **Electron** and **TypeScript** for multiple learning management systems, enhancing quiz-taking integrity by preventing students from using additional aids and ensuring accurate assessment of student performance

SS&C Technologies   *Toronto, ON*
Software Developer   *Jan 2022 - Apr 2022*
- Spearheaded API development to streamline **deletion of outdated records** in an **Inference Datastore**, improving database efficiency.
- **Optimized Five9 call flows** and reorganized **Five9** data using **SQL**, reducing caller wait times and improved overall caller experience

Purolator   *Mississauga, ON*
Marketing Front End Developer   *May 2021 - Aug 2021*
- **Revamped the Purolator website** using **Drupal 8**, **PHP**, **HTML**, **CSS**, and **JavaScript**, resulting in an increase in website traffic
- **Developed an innovative HTML and JSON generator** using a **PHP script** and template, which dynamically produced over 700 locator pages through the use of API calls and CSV data, improving the user experience and increasing overall customer satisfaction

Teranet   *Toronto, ON*
Software Developer   *Sept 2020 - Dec 2020*
- Played an integral role in the **development of the client portal**, utilizing **Java**, **Angular JS**, **JavaScript**, **HTML**, and **Python** to significantly enhance the user experience. Notable achievements include the successful implementation of **intuitive and user-friendly features**, resulting in increased engagement and higher user satisfaction levels.
- Used **Postman**, **SQL Developer**, and **Soap UI** to streamline **debugging** and updating of **consumer reports** through data retrieval and **API requests**.

TyltGo (YCS20)   *Waterloo, ON*
Web Developer   *Mar 2020 - May 2020*
- Collaborated on **website redesign** using **Angular 2+**, **HTML**, **Sass**, **CSS**, and **Typescript**, increasing **traffic** and **user engagement**.
- Led **client portal development** and streamlined development with **Jasmine** and **Karma tests**, reducing overall **development time**.

Projects

ShortEase (YouTube Shorts Automation App)   *Waterloo, ON*
Project Manager & Mobile App Developer   *May 2023 - Aug 2023*
- Led the design and development of ShortEase, a **Kotlin**-based YouTube shorts automation tool in **Android Studio**
- Integrated **user authentication**, video retrieval, in-app editing (text overlays, sound, filters), and smart auto-cropping using **YouTube's API** and multiple open-source **GitHub** libraries, which enabled direct posting back to users' channels for **optimized** content creation efficiency.

KeeperVision (Goalkeeper Training App)   *Waterloo, ON*
Mobile App Developer   *May 2023 - Aug 2023*
- Designed and developed Keepervision, a goalie training app, using **Figma** for UI/UX design and **Android Studio** with **Kotlin** for implementation
- Successfully integrated **video capture** functionality and established communication with the **image processing server**'s **API**

Education

University of Waterloo   *Waterloo, ON*
Computer Engineering   *Sept 2019 - Apr 2024*