

ALEX GOLINESCU

www.alexgolinescu.com

WORK EXPERIENCE

Software engineer

October 2021 – Present

Infor, Infor Nexus

Oakland, CA (Remote)

- Structured and created back end code using **Java**, **JavaScript**, and **JSP** for features in the Watchtower and Live teams. Processed data from 3rd party data providers for efficient and accurate shipment tracking.
- Used **Splunk** and **Launchpad** to monitor and debug production systems using queries and dashboards.
- Implemented data storage solutions using various databases including memSQL, SQL Server, Hbase, and DB2. Skilled in **SQL**, with expertise in crafting queries for back-end code and utilizing **DBeaver** for data processing, testing, and debugging.
- Designed and integrated a Java-backed events timeline for tracking truck deliveries, using JavaScript front-end and interfacing with database tables for efficient data management, enabling users to monitor and manage their deliveries in real-time.
- Built efficient asynchronous code for real-time processing of conveyance positioning updates for various conveyance types.
- Completed a major code refactoring project for the live ETA evaluation process, resulting in the prevention of several bugs and the reduction of unnecessary database calls, leading to improved performance.

Integration team developer, back-end

September 2019 – August 2020

Kinaxis

Ottawa, ON

- Programmed in Java and **C#**, with **RESTful** API and build pipelines.
- Crafted back-end and front-end code in integration team products and Kinaxis' product RapidResponse.
- Added new features, increased product security, cleared technical debt using **SonarQube**, and developed user and unit tests.
- Collaborated with a **kanban** team and participated in code reviews, code testing, and kanban meetings.
- Participated in a book club for the book **Clean Code** and applied the book's concepts to development.

IT systems developer

May 2019 – August 2019

Bank of Canada

Ottawa, ON

- Participated in the Microsoft technology development and support team, collaborating on various projects and providing technical support.
- Integrated with **.NET** frameworks to establish a connection with the **SharePoint** intranet, enabling seamless communication and data access for all users.
- Used **C#** to automate the SharePoint site creation process, increasing the efficiency of completing client tickets by 80%.

IT systems developer

May 2018 – August 2018

Bank of Canada

Ottawa, ON

- Worked in COTS Apps development and support team, a fast passed Agile environment with daily **scrum** meetings.
- Provided support and constructed numerous SharePoint sites for clients. Worked closely with clients.
- Coded in **JavaScript/HTML/CSS** to create SharePoint sites and used PowerShell for large SharePoint changes.

EDUCATION

Bachelor of Computing (SODE-I-BCH)

September 2016 – July 2021

Queen's University

Kingston, ON

- Specialization in Software Design - Internship - Bachelor of Computing (Honours)
- Certificate in Business (CIB) (Minor) from Smith School of Business, Queen's University
- Dean's honour list.
- Undergraduate coursework: Linear Data Analysis, Formal Methods, Algorithms, Databases, Operating Systems, Software Architecture, Comp. Architecture.
- CIB coursework: Business Fundamentals, Introduction To Finance, Financial Accounting, Management Accounting.

PROJECTS

- **Facial recognition chrome extension (2019)**: Built a facial recognition-based security feature as a Google Chrome extension, utilizing JavaScript and Flask, to protect auto-fill data and enhance user privacy.
- **Wi-Fi connectivity app (2017)**: Created an Android app using Java to optimize in-home Wi-Fi connectivity through automatic connection to the strongest signal and managing permissions, specifically for homes with multiple Wi-Fi extenders.

TECHNICAL SKILLS

Languages extensive knowledge:

Java, Python, C#, JavaScript/HTML/CSS, MySQL, MATLAB

Languages prior experience:

C++, Bash, Haskell, PHP, Prolog

Tools:

Git, Bitbucket, JIRA, Splunk, DBeaver, Jenkins, Postman, JUnit, Mockito, Fisheye, Launchpad, SonarQube, Docker, PuTTY, KNIME, SharePoint, OpenGL