Krystian Wojcicki

https://kwojcicki.github.io/

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EXPERIENCE

Microsoft Redmond, WA
Software Engineer *Jun 2021 - Present*
- Lead the team's migration effort to switch from CosmosDB Changefeed to Service Bus.
- Developed features necessary for the organization wide SOX compliance push.

  Used:*C-Sharp, React, Kubernetes, Azure*

Amazon Winnipeg, MB
Student Software Engineer *Sep 2019 - Dec 2019, Jan 2021 - March 2021*
- Created a set of C++ tools around AWS Thinkbox Krakatoa to reduce the artist's cost up to 20%.
- Implemented multipart and deep pixel reading and writing for AWS Thinkbox Draft.

  Used:*C++, Python, Bash, Anaconda*

Scotiabank Toronto, ON
Student Software Engineer *May 2019 - Aug 2019*
- Created a PoC around OpenFaaS to develop the department's direction with respect to Serverless Functions.
- Migrated an old C++ service to Java Spring with an Angular Frontend. Setup a Jenkins based CICD pipeline with fully automated testing utilizing Selenium and JUnit.

  Used:*Java, Docker, Kubernetes, OpenFaaS*

Nokia Ottawa, On
Student Software Designer *Jan 2019 - Apr 2019*
- Assisted in the frontend and backend development of the team's device adapter code generator. In some cases automating 100% of the device adapter creation.
- Created a Java golden file testbed for the teams code generator allowing team members to test their changes against real world use cases.
- Created a regression framework utilizing Selenium/Javascript to fully automate the testing of the frontend.

  Used:*Java, ReactJS, Javascript, Karaf, Docker, Selenium, gRPC*

Rockport Networks Ottawa, On
Student Microservice Backend Developer *May 2017 - Aug 2018*
- Designed and implemented a full log management and troubleshooting solution using the ELKB stack.
- Created an authentication service used to authorize users against a customer provided Active Directory server.
- Worked on various Go microservices which utilized Kafka, Postgres and Elasticsearch.

  Used:*Go, Openshift, Kubernetes, Elasticsearch, Kafka, Postgres, LDAP, REST*

Authentiky Ottawa, On
Student Software Developer *Sept 2016 - Jan 2017*
- Installed, setup, and deployed a XMPP server accompanied by a simple chat bot to Amazon EC2.
- Developed a PoC video chat website to test usability and functionality of several client side XMPP libraries.

  Used:*Java, Tomcat, Tigase XMPP Server, Amazon EC2, Smack*

Sidense Ottawa, On
Student Software Developer *May 2016 - August 2016*
- Designed and built automated process models that allowed the company to obtain an ISO 9001 Certification.
- Used the MVC pattern to develop a Java application to automate model and product design specifications.

  Used: *Java, Junit, Javascript, Alfresco, Postgres, Ubuntu, SVN*

EDUCATION

Carleton University Ottawa, ON
Bachelor of Computer Science; GPA: 12.0/12.0 *Sept. 2015 – Dec. 2020*
- **Deans List, Goldie Wilkinson, John R.Pugh, Rymerson scholarships**: Awarded for oustanding academic achievement by Carleton School of Computer Science

PROJECTS

- **kwojcicki.github.io**: Fully fledged portfolio and blog using Jekyll, with in-depth articles regarding various technology concepts ranging from correct Elasticsearch usage to Information Gain and Decision Trees
- **Tuti**: Flask Python platform helping tutors and tutees connect.
- **Pay Up**: Java receipt sharing application utilizing Google Cloud OCR