**Shanthosh Pushparajah**

**EXPERIENCE**

**Software Engineering Intern @ Elastic.io**

Bonn, Germany 05/2019 – Present

* Building API integration connectors and components on the Elastic.io cloud data integration platform
* Customizing integrations with Elastic.io iPaas and customer’s platforms as well as with third party ERP/CRM systems

**Software Engineering Intern @ Sprout**

Toronto, Canada 09/2018 – 12/2018

* Streamlined onboarding process for 4 million mobile users by deploying Facebook and Google SSO Authentication on the Sprout application
* Implemented RESTful APIs in PHP (CodeIgnitor) while working in MySQL and AWS to generate test driven back-end development
* Owned development of key React-Native components to meet architecture standards and to reduce technical debt

**Software Engineering Intern @ Maple Leaf Foods**

Toronto, Canada 01/2018 – 04/2018

* Defined the architecture for the data intake flow to reduce time taken to track factory downtime and translated requirements into technical specifications
* Migrated the data intake process from paper to the Swift application, reducing average record time from 10 minutes to 30 seconds
* Orchestrated a team transition into a more structured Agile environment by leading daily stand-ups and sprint planning

**Co-Founder @ Azure Online Solutions**

Toronto, Canada05/2016 – 07/2017

* Executed digital marketing strategies for small businesses through social media campaigns and website design to target their niche audience



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Related image

**SKILLS**

**Programming**

C++ • Java • JavaScript • Swift • Python

**Technologies**

Node.js • Git • SQL

**PROJECTS**

**Valkyrie Ruler**

Designed and built an iOS 3D measuring application in Swift using ARKit to be a part of [*Valkyrie Labs*](http://www.valkyrielabs.ca/) Suite - *Currently deployed in Germany* (Swift)

**Mammogram Diagnosis**

Predicts if a mass detected in a mammogram is begin or malignant by using supervised machine learning models yielded by K-Fold cross validation (Python, panda, matplotlib)

**NBA Free Throw Analysis**

Free throw analysis of the top ten players in the league from 2005-2015. Analyzed free throw attempts and accuracy per game. (Python, panda, matplotlib)

**EDUCATION**

**University of Waterloo**

09/2017 – Present

Systems Design Engineering

Minor in Cognitive Science

3.7/4.0 GPA