

# 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, Canada 05/2016 – 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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## 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 Suite* - Currently deployed in Germany (Swift)

### Mammogram Diagnosis

Predicts if a mass detected in a mammogram is benign 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