

# Shanthosh Pushparajah

## Systems Design Engineering

shanthoshp.github.io  
shanthoshp2019@gmail.com  
github.com/shanthoshp

### EXPERIENCE

#### Software Engineering Intern, Elastic.io

Bonn, Germany 05/2019 - 08/2019

- Increased **quarterly revenue by 10%** through automating sales leads by developing RESTful CRM (Zoho, Pipedrive) API modules
- Analyzed customer feedback and enhanced elastic.io API to optimize customizable integration flows and white-labeling for **200+ clients**
- Identified platform improvements to stakeholders through customer interviews and translating their concerns into technical specifications

#### Software Engineering Intern, Sprout

Toronto, Canada 09/2018 - 12/2018

- Increased **customer retention by 70%** by deploying Google & Facebook Single Sign On Authentication (SSO) on the Sprout onboarding process
- Collaborated with the product manager to roadmap the development and release of the "Delete Account" feature for **4 million mobile users**
- Built and refactored RESTful APIs by utilizing test driven development to reduce technical debt while improving **query performance by 40%**

#### Co-Founder, Azure Online Solutions

Toronto, Canada 04/2016 - Present

- Consulted digital marketing strategies to support long-term growth for local businesses
- Led brand awareness campaigns and reach analysis for clients leading to partnerships, marketing specifications and online prominence
- Audited existing processes and leveraged automation tools such as Hootsuite and Sprout, saving **500+ hours yearly**

#### Software Engineering Intern, Maple Leaf Foods

Toronto, Canada 01/2018 - 04/2018

- Conducted behavioural analysis on the factory workers and defined new product specs for the downtime data collection flow to be used in factories
- Reduced the **time to record downtime data for factory workers by 90%** by building a Swift app to migrate data collection from paper to iPad
- Initiated a team transition into a structured Agile/Scrum environment by leading daily standups and Kanban practices

### SKILLS

#### Product

Usability Testing • User Research  
Data Analysis • Prototyping

#### Development

JavaScript • C++ • Python • PHP  
Swift • SQL • HTML/CSS

#### Tools/Frameworks

Node.js • React Native • Git • Figma

### PROJECTS

#### Director of Outreach

Managed and led first year Engineering mentorship program for 1700 students

#### Valkyrie Labs (Swift, ARKit)

Pitched the MVP of an AR suite which was adopted by German stakeholders

#### Stamina (JS, HTML/CSS)

Google Chrome Extension that reminds user to take breaks

### EDUCATION

#### University of Waterloo

09/2017 - Present

Systems Design Engineering  
Minor in Cognitive Science

Relevant Courses:

Human Factors in Design, Probability and Statistics, Data Structures and Algorithms

### INTERESTS

Running • Sports Analysis • Philosophy  
Data Security • Culture • Exploring