

# Shanthosh Pushparajah

## Systems Design Engineering

### EXPERIENCE

#### Software Engineering Intern, Elastic.io

Bonn, Germany 05/2019 - Present

- Increased quarterly revenue by 10% through automating sale leads by developing CRM (Zoho, Pipedrive) Node.js integration components
- Enhanced robust APIs and connectors that optimize customizable integration flows and white-labeling for more than 200 different clients
- Conducted international customer-facing to build and deploy personalized integration flows to interact with client and third-party platforms

#### Co-Founder, Azure Online Solutions

Toronto, Canada 04/2016 - Present

- Specialized consulting in digital marketing strategies to support small business growth for the long-term
- Led brand awareness and reach analysis on clients leading to partnerships, marketing specifications and online prominence
- Leveraged automation tools such as Hootsuite and Sprout and audited existing processes, implementing changes to save 1300 hours yearly

#### Software Engineering Intern, Sprout

Toronto, Canada 09/2018 - 12/2018

- Increased customer retention by 70% by deploying Google & Facebook SSO Authentication on the Sprout At Work onboarding process
- Collaborated with product manager to own development and release of Delete Account feature for 4 million mobile users (On Sprout app now!)
- Built and restructured RESTful APIs with PHP and MySQL to create test driven development while improving query performance by 40%

#### Software Engineering Intern, Maple Leaf Foods

Toronto, Canada 01/2018 - 04/2018

- Defined and provided product specs for the new data intake flow to be used in production factories to optimize factory downtime data storage
- Improved data record time by 90% by developing a Swift app to migrate data intake process from paper to iPad using Azure SQL Database
- Organized a team transition into a structured Agile/Scrum environment by leading daily standups and Kanban practices

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### SKILLS

#### Development

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

#### Tools/Frameworks

Node.js • React Native • REST • Git

#### Product

Usability Testing • User Research  
User-Centered Design • Prototyping  
UI/UX Principles

### PROJECTS

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

Google Chrome Extension that reminds user to take breaks (100+ downloads)

#### NBA Analysis (Python, Matplotlib)

NBA Top 10 player analysis from 2005 to 2015 from their regular season stats

#### Director of Outreach (UW Eng)

Managed and lead first year Engineering mentorship program for 1700 students

#### Valkyrie Labs (Swift, ARKit)

Pitched design and MVP of a AR suite to stakeholders (Deployed in Germany)

### EDUCATION

#### University of Waterloo

09/2017 - Present

Systems Design Engineering  
Minor in Cognitive Science

Relevant Courses:

Human Factors in Design, Design Systems and Society, Introduction to Data Structures and Algorithms

### INTERESTS

Running • Sports Analysis • Philosophy  
Data Security • Food • THE UNIVERSE :)