

Shanthosh Pushparajah

Systems Design Engineering

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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
- Improved daily downtime collection time 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