Shanthosh Pushparajah
Systems Design Engineering

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EXPERIENCE

System Integration Engineer, Elastic.io

Bonn, Germany   05/2019 - 08/2019

- Increased **annual revenue by 3%** by developing RESTful CRM (Zoho, Pipedrive) API modules that automated subscription based sales processes
- Identified platform improvements to stakeholders through customer interviews and translated their concerns into technical specifications
- Proactively analyzed customer feedback and prioritized the enhancement of Elastic.io's intregration components for **200+ clients**

Full Stack Developer, Sprout

Toronto, Canada   09/2018 - 12/2018

- Increased **customer retention by 70%** by deploying Google & Facebook Single Sign On Authentication (SSO) within the Sprout onboarding process
- Led the development of the "Delete Account" feature and collaborated with the Design and QA teams to deploy to **4 million mobile users**
- Built and refactored RESTful APIs by utilizing test-driven development to reduce technical debt while improving **query performace by 40%**

Software Developer, Maple Leaf Foods

Toronto, Canada   01/2018 - 04/2018

- Conducted a behavioural analysis on factory workers to define the product specifications for the data collection flow within factories
- Decreased the **time to record data in factories by 90%** through deploying a Swift app that migrated the data collections from paper to iPad
- Initiated a team transition into a structured Agile/Scrum environment by leading daily standups and implementing Kanban practices

Co-Founder, Azure Online Solutions

Toronto, Canada   04/2016 - Present

- Consulted local businesses with digital marketing strategies to support long-term growth
- Managed brand awareness campaigns and reach anaylsis for clients which lead to partnerships, marketing specifications and online prominece
- Saved **500+ hours yearly** by auditing existing processes and implementing automation tools such as Hootsuite and Sprout

SKILLS

Product

Usability Testing • User Research
Data Analysis • Deployment

Development

JavaScript • SQL • Python • C++
Swift • PHP • 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)

Developed a Google Chrome Extension that reminds user to take breaks

EDUCATION

University of Waterloo

Expected April 2022

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