Shanthosh Pushparajah
Systems Design Engineering

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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**

- Gathered client integration requirements through customer-facing and translated requirements into technical specifications using Jira/Confluence

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 performace by **40%**

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 anaylsis on clients leading to partnerships, marketing specifications and online prominece

- Leverged automation tools such as Hootsuite and Sprout and audited existing processes, implementing changes to save **1300 hours yearly**

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 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

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

Stamina (JS, HTML/CSS)
Google Chrome Extension that reminds user to take breaks (100+ downloads)

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 :)