Shanthosh Pushparajah
Systems Design Engineering

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EXPERIENCE

Software Engineering Intern, Elastic.io

Bonn, Germany   05/2019 - Present

- Fully automated incoming sale leads by developing CRM (Zoho, Pipedrive) Node.js integration components, increasing quarterly revenue by 10%

- 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 intergration 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

- Lead 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, 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%

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

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/LEADERSHIP

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 Anaysis • Philosophy
Data Security • Food • THE UNIVERSE :)