Shanthosh Pushparajah

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Experience

iOS Developer / Valkyrie Labs

- Designed, built, and tested an AR iOS application in **Swift** using **ARKit** for 3D indoor measurements, increasing operational efficiency by **30%**
- Introduced a **Docker** based continuous deployment build pipeline to rapidly distribute production builds to the Engineering Team

Software Developer / Maple Leaf Foods
Winter 2018

- Implemented features for internal iOS Application used by Maple Leaf Production Managers to reduce burn rate of production by **8-10% per plant**
- Rearchitected internal iOS Application using **MVC** framework to decrease code complexity and error rates
- Developed and designed web application to visualize the data obtained from the internal iOS application using **HTML, CSS, jQuery,** and **.NET framework**.

Projects

Crypto$ / iOS Application
github/Crypto$

- Real time cryptocurrency ticker built using **Swift** and **CryptoCompare API**
- Developed customizable exchange comparisons with other cryptocurrencies

Lotto Time / iOS Application
github/LottoTime

- Displays nation-wide lotto events using **Swift,** and **Magayo API**
- Provides daily push notification containing winning numbers, jackpots, and draw dates

Money Manager / Web Application
github/MoneyManager

- Manages monthly P&L statements developed using **HTML, CSS** and **JavaScript**

Skills

Development / iOS, Swift, JavaScript, jQuery, CSS, HTML, Bootstrap, .NET, Node.js

Design / Sketch, inVision, SharePoint Designer

Education
Class of 2022

Systems Design Engineering, Cognitive Science Minor / University of Waterloo

- Director of Engineering Outreach