**GEORGE JOSE**

[https://www.georgejose.com](https://www.georgejose.com/) | [https://github.com/G2Jose](https://github.com/G2Jose/) | [https://ca.linkedin.com/in/g2jose](https://ca.linkedin.com/in/g2jose/)

Full - Stack Tech Consultant | ‘14 University of Waterloo Mechatronics Engineering

**TECHNICAL SKILLS**

Solid knowledge of object oriented & functional programming paradigms

Extensive experience with JS (ES2015) & JS libraries / frameworks – React, Node, Express

Experience with Python, Java, C++, C, Swift

Experience leading teams, solid grasp of architecture, infrastructure, devops pipeline (Docker, \*nix), RESTful APIs, agile practices

**WORK EXPERIENCE**

**Deloitte, Consultant**, *‘16 – present*

**Leading Canadian Retailer Loyalty Program Revamp *(current)***

* + Solution engineer – JS (ES6, React, Redux, Express), RESTful API design

**Sales demo app**

* + Tech Lead - Architected solution & led team of developers & designers building full stack microservices-based application to demonstrate Deloitte Digital’s end to end dev & devops capabilities

**Deloitte, Business Technology Analyst**, *Jan ’15 – ‘16*

**Sonnet Insurance Digital Transformation**

* + Solution Architect

**Banking Proof of Concept App**

* + Built a full stack web application using MongoDB, Express, Angular, Node.js for demo / sales

**Rubix by Deloitte**

* + Managed developers, led scrum meetings, defined & executed on overall strategy & roadmap

**Top 5 Canadian Bank Digital Transformation**

* + Managed all program finances, led program cost & work effort estimation

**Toyota Motor Manufacturing Canada (TMMC), Software Developer Co-op**, *Jan – Apr ‘12*

* Designed & developed tablet-based solution using J2EE to optimize annual inventory process; increased process efficiency by ~50%, leading to cost savings of ~$200k+ annually

**RELEVANT PROJECTS**

**Click Prediction** *– Deloitte Machine Learning Hackathon Oct ‘16*

* Won first place (team of 5) for predicting likelihood of promoted content being clicked, given large dataset (>30GB)

*Technologies: Python, SQL, SciKit-Learn*

**Live TTC Map** *– Personal Project*

* Created web app to show real-time locations of Toronto transit vehicles

*Technologies: React, GMaps API*

**Apple Watch Stocks app** - *Personal project*

* Developed simple portfolio management app for Apple Watch

*Technologies: Swift, Node.js, Yahoo Finance API*

**3D Laser Scanner** - *4th Yr. Engineering project*

* Designed & built low cost laser sensor capable of modeling its environment & objects around it in 3 dimensions. Point cloud data is streamed to computer in real time wirelessly over UDP

*Technologies used: Raspberry Pi, Arduino, C++, Matlab, Meshlab, image processing, UDP, ZigBee, Motors, Optical encoder*

**Facebook Like-meter T-shirt** - *2014 Facebook Hackathon*

* Designed & built ‘Like-meter’ LED T-shit in 24hr hackathon
* Like-meter fills up as user gets likes on Facebook

*Technologies: Raspberry Pi, Python, FB API*

**Real-time Operating System (RTOS)** – *MTE 241 Project*

* Designed & built Real Time Operating System (RTOS) on top of UNIX; Implemented concurrency, timing services, process scheduling, inter-process communication & other features

*Technologies: C/C++, Algorithms & Data Structures, Linux*