

# GEORGE JOSE

<https://www.georgejose.com> | <https://github.com/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 & reactive programming paradigms

Extensive experience with JS (ES6+) & JS libraries / frameworks – React, React Native, Redux, Node, Express

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

Experience leading teams, solid grasp of architecture, infrastructure, devops (Docker, Concourse, Jenkins, \*nix), RESTful API design, agile software development

## WORK EXPERIENCE

### **Deloitte, Consultant**, '16 – present

Leading Canadian Retailer Loyalty Program Revamp (*current*)

- Solution engineer – JS (ES6+, React, Redux, Express), RESTful API design, web analytics 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

### **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 1<sup>st</sup> place (team of 5) for predicting likelihood of promoted content being clicked, given large dataset (>30GB)  
*Technologies: Python, SQL, SciKit-Learn*

**React Native Hacker News** – *Personal Project*

- Designed & built a cross platform Hacker News app  
*Technologies: React Native, MobX*

**Apple Watch Stocks app** – *Personal project*

- Developed simple portfolio management app for Apple Watch  
*Technologies: Swift, Node.js, Yahoo Finance API*

**3D Laser Scanner** – *4<sup>th</sup> 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: 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-shirt 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*