

# 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 programming paradigms

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

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

Solid grasp of architecture, infrastructure, devops pipeline (Docker, \*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

**Sales demo app**

- Architected solution & led team of developers & designers building full stack application to demonstrate Deloitte Digital's frontend, backend & devops capabilities in response to RFP

**Deloitte, Business Technology Analyst, Jan '15 – '16**

**Sonnet Insurance Digital Transformation**

- Solution Architect

**Banking Proof of Concept App**

- Architected & 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

**Live TTC Map – Personal Project**

- Designed & built system to show real-time locations of Toronto transit vehicles  
*Technologies: jQuery, Node, GMaps API*

**Government of Ontario Data crawler – Deloitte Hackathon**

- Used python to crawl publicly available data from various Government of Ontario organizations & compile comprehensive org charts including names, titles, salaries etc  
*Technologies: Python, BeautifulSoup*

**Apple Watch Stocks app - Personal project**

- Designed & built a 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 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-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*