

GEORGE JOSE

<https://www.georgejose.com> | <https://github.com/G2Jose> | <https://ca.linkedin.com/in/gzjose>
Full - Stack Tech Consultant | '14 University of Waterloo Mechatronics Engineering

WORK EXPERIENCE

Deloitte, Consultant, '16 – present

Leading Canadian Retailer Loyalty Program Revamp (current)

- Front end solution engineer – JS (ES6, React, Redux, Express)

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

Leading P&C Insurance Client Digital Transformation

- Solution Architect

Banking Proof of Concept App

- Designed and built a full stack web application using MongoDB, Express, Angular, Node.js for demo / sales

Rubix by Deloitte

- Explored applications of blockchain technology in Enterprise
- Managed two developers, defined & executed on overall strategy & roadmap

Top 5 Canadian Bank

- Performed day to day program management; coordinated program cost and work effort estimation

Rockwell Automation, Engineering Intern, Quality, Oct – Dec '12

- Reduced defects per unit in Medium Voltage Drives from 10.2 -> 7 using Pareto analysis, Process Failure Mode Effect Analysis (PFMEA), process optimization

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

- Designed & implemented tablet-based solution using J2EE to optimize annual inventory process; increased 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 streetcars and buses

Technologies used: jQuery, Node, Google Maps API

Government of Ontario Data crawler – Deloitte Hackathon

- Built script to crawl publicly available data from various Government of Ontario organizations
- Data harvested include names, titles, parent organizations, reporting hierarchy, salaries etc.

Technologies used: Python, BeautifulSoup

Apple Watch Stocks app – Personal project

- Designed & built a simple portfolio management app for Apple Watch

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

3D Laser Scanner – 4th Yr. Engineering project

- Designed and built low cost laser sensor capable of modeling its environment and 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 24 hr hackathon
- Like-meter fills up as you get likes on Facebook

Technologies used: Raspberry Pi, Python, Facebook API

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

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

*Technologies used: C/C++, Algorithms & Data Structures, *nix*