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*

- Created web app 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*

- 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