Jitin Dodd

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⚙ SKILLS

LANGUAGES

Proficient with:
JavaScript • C • C++
Ruby • HTML/CSS

Experienced with:
Swift • Java • Python
SQL • MIPS & ARM Assembly

FRAMEWORKS

Node.js • Express • MongoDB
React • Swagger • Pug • Mocha
Ruby on Rails • Selenium WebDriver
jQuery • Bootstrap • SASS

TOOLS

Git • Perforce • Chrome DevTools
AWS • Jenkins • Vim • Atom • LaTeX
npm • Webpack • Babel • ESLint
Bash • Xcode • RubyMine • IntelliJ

🎓 EDUCATION

UNIVERSITY OF WATERLOO

Candidate for Bachelor of
Software Engineering
Expected 2019 | Waterloo, ON

Activities:
- Class Representative
- Engineering Ambassador

🏆 AWARDS

Valedictorian
- 2014 | Middlefield C.I.

Top Graduating Male
- 2014 | Middlefield C.I.

🔗 LINKS

- Github://**jitindodd**
- LinkedIn://**jitindodd**
- StackOverflow://**jitin-dodd**

⚽ INTERESTS

- Playing Basketball
- NBA (Toronto Raptors)
- Video Production
- Video Games
- Travelling
- Fitness

💼 EXPERIENCE

CONNECTED LAB | Software Engineer Intern

Aug. 2016 - Dec. 2016 | Toronto, ON

- Worked on a platform (API, portal, sample apps) that helps IoT device vendors manage users, devices, authentication, etc. using **Node.js** and **MongoDB.**
- Led development of **iOS** push notification API feature using **node-apn,** so vendors can send customizable push notifications to customer mobile devices.
- Migrated platform from Pivotal Web Services to **AWS;** gained extensive experience with S3, Elastic Beanstalk, Route 53, and Certificate Manager.
- Automated AWS deployment using **Bash** scripts, decreasing DevOps time by 90%.
- Added and fixed **React** UI features on the Vendor portal.
- Increased overall test coverage and optimized test suite to run 30% faster, using **Mocha, Chai,** and **Supertest.**
- Worked on app security; wrote **NGINX** configuration to enforce HTTPS communication with API.

SAP | Software Application Developer

Jan. 2016 – Apr. 2016 | Waterloo, ON

- Used SAP UI5, a library built on top of **jQuery,** to develop frontend modules for an oil-rig operations web application following the **MVC** design pattern.
- Led backend development in developing an in-house web application for tracking employee traffic in the office using **SQL Anywhere,** Node.js, and Reely Active Bluetooth sensors.
- Built a web application POC from scratch to track retail store inventory using Intel's RFID sensor, SAP UI5, **SASS, XML, Express,** Node.js, and SQL Anywhere.
- Wrote several SQL stored procedures and corresponding web services to expose **RESTful APIs** for all applications developed.
- Implemented a test automation system using **Robot Framework,** reducing the QA cycle from 2 days to 4 hours.

FLIPP | Software Developer

May 2015 - Aug. 2015 | Toronto, ON

- Worked on the backend systems for flyer scraping and indexing using **Ruby, Selenium WebDriver (Watir),** and **MySQL.**
- Built a new system to scrape store locations data; this involved transforming large amounts of unstructured data into well-formatted usable data.
- Added new tools and features using **Ruby on Rails** to increase the daily workflow efficiency of the flyer indexing team.
- Maintained the flyer content of over 400 North American retailers for the Flipp App, the #1 retail flyer application in Canada.

🚀 PROJECTS

NYM-IN | C++, QT, MySQL, Nymi

Feb. 2015 | Top Nymi Hack at UofTHacks 2015

- Developed a **C++** desktop application that makes the ticket purchasing process completely frictionless using the **Nymi** band.

STRESS LESS | Java, C++, Objective-C, Redis

Nov. 2014 | First place at Waterloo's 2014 EngHack

- Built an interactive version of the popular "Desktop Destroyer" application using the **Myo** gesture control armband.