Jitin Dodd

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⚙ Skills

Languages

Proficient
- JavaScript, C, C++, Ruby.

Experienced
- SQL, Java, Swift, Python, Bash.

Frameworks

Web
- Ruby on Rails, Node.js, Express, Swagger, React.js, jQuery.

Databases
- MongoDB, PostgreSQL, MySQL, Redis.

Testing
- Selenium, RSpec, Mocha, JUnit.

Templating
- HTML5, CSS3, Bootstrap, Pug.

Tools

Deployment
- AWS, Heroku, Jenkins, CircleCI.

Source Control & Services
- Git, Perforce, Docker, Vagrant.

Programming
- Vim, Atom, Xcode, RubyMine.

🖥 Projects

Nym-In | C++, Nymi

Top Nymi Hack | UofTHacks 2015
- Desktop app that makes ticket purchasing process frictionless using Nymi band.

Stress Less | Java, Myo

First Place | UW EngHack 2014
- Interactive "Desktop Destroyer" game using Myo band.

🎓 Education

University of Waterloo

Candidate for Bachelor of Software Engineering

Expected 2019 | Waterloo, ON

Activities:
- Class Representative
- Engineering Ambassador
- Basketball Intramurals

💼 Experience

Doximity | Software Engineering Intern

May 2017 - Aug. 2017 | San Francisco, CA
- Created a **Ruby gem** called "Sidekiq Mortician" that generates slack messages summarizing daily **Sidekiq** job errors, and integrated it into main Doximity app.
- Built a **Rails** app that collects performance metrics (google rank, CTR, impressions) of 1000+ QuickSites (physician profiles) using **Google Search Console API.**
- Improved search feature on internal wiki to be more accurate, have autosuggest, and show matched content snippets using **Algolia,** reducing search times by 50%.
- Reworked internal app deployment tool to stream logs to **Amazon S3** so engineers don't have to wait until end of build to view logs.
- Implemented an automated jobs system for internal lunch scheduling app, eliminating need for admin oversight.

Connected Lab | Software Engineer Intern

Aug. 2016 - Dec. 2016 | Toronto, ON
- Worked on a web platform (API, portal, sample apps) that helps IoT device vendors manage users, devices, authentication, etc. using **ReactJS, 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 70%.
- Optimized test suite to run 30% faster using **Mocha, Chai,** and **SuperTest.**
- Worked on app security; wrote **NGINX** configuration to enforce HTTPS on API.

SAP | Software Application Developer Intern

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 app following MVC design pattern.
- Created a web app for tracking employee traffic in office using **SQL Anywhere, Node.js,** and Reely Active Bluetooth sensors.
- Built a web app from scratch to track retail store inventory using Intel's RFID sensors, SAP UI5, **SASS, XML, Express,** Node.js, and SQL Anywhere.
- Implemented a test automation system using **Robot Framework,** reducing QA cycle from 2 days to 4 hours.

Flipp | Software Developer Intern

May 2015 - Aug. 2015 | Toronto, ON
- Worked on backend systems for flyer scraping and indexing using **Ruby, Selenium WebDriver (Watir),** and **MySQL.**
- Wrote and maintained Ruby scripts that scraped flyers of 400+ North American retailers for Flipp App (#1 retail flyer application in Canada).
- Built a system to scrape store locations data using Ruby; this involved transforming large amounts of unstructured data into well-formatted usable data.
- Added dashboard tools and features using **Rails** to increase daily workflow efficiency of flyer indexing team.