Jitin Dodd

jitindodd@gmail.com | 647.981.2327

 jitindodd.com | jitindodd | jitindodd | Jitin Dodd

⚙ SKILLS

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

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

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

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

💻 PROJECTS

NYM-IN | C++, Nymi
Top Nymi Hack | UofTHacks '15
- Desktop app that makes ticket purchasing process frictionless using Nymi band.

STRESS LESS | Java, Myo
First Place | UW EngHack '14
- 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

🏆 AWARDS

Valedictorian, Top Graduating Male
- 2014 | Middlefield C.I.

💼 EXPERIENCE

DOXIMITY | Software Engineering Intern
May. 2017 - Present | 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) for 1000+ QuickSites (physician profiles) using **Google Search Console API.**
- Improved search feature on internal wiki to be more accurate, have autosuggest, and show matched snippets using **Algolia's Rails API.**
- Reworked app deployment API to live-update logs to **Amazon S3** so engineers don't have to wait until end of build to view logs.
- Implemented a jobs system for lunch scheduling app to eliminate admin oversight.
- Introduced date range search to Email Delivery app, reducing search times by 50%.

CONNECTED LAB | Software Engineer Intern
Aug. 2016 - Dec. 2016 | Toronto, ON
- Worked on a platform (API, web 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 an in-house web app for tracking employee traffic in office using **SQL Anywhere, Node.js,** and Reely Active Bluetooth sensors.
- Built a web app 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 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.**
- Built a new Ruby system to scrape store locations data; this involved transforming large amounts of unstructured data into well-formatted usable data.
- Added new dashboard tools and features using **Rails** to increase daily workflow efficiency of flyer indexing team.
- Wrote and fixed Ruby scripts that scraped flyers of over 400 North American retailers for Flipp App (#1 retail flyer application in Canada).