Devan Patel

☎ 954.695.2250   ✉ devanppatel92@gmail.com   ⓞ devanp92   🌐 www.devanpatel.me

Experience

Goldman Sachs Group, Inc. ○ Technology Analyst Intern, New York, NY   Summer 2013

· Implemented and tested a suite to analyze and monitor database and run-time performance metrics to predict anomalies. Developed graphical representations and statistical analysis to display ' history.

· Designed API to integrate with Global Operations Technology teams cross-divisional.

Technologies: Java, Groovy, R, DB2, JMX, JUnit, Maven, JIRA

Florida Institute for Cyber Security ○ Research Assistant, Gainesville, FL   2014 - present

· Analyzed SSL/TLS Certificate Authority alternatives robustness and integrity to improve the certificate validation process.

· Build module to capture results from passive network scans from over 4 million hostnames and integrated with FICS' Certshim application.

· Technologies: C, Python, Node.js, Angular.js, D3.js, Vagrant/Puppet/Chef, HTML, CSS, SQLite3, MongoDB, Github, Heroku

Rokk3r Labs ○ Startup Fellow, Miami Beach, FL   Summer 2014

· Developed a proprietary full-stack enterprise agile project management tool to be used by all divisions.

· Conducted technology analysis for machine learning, computer vision, and big data to design a prototype for several clients investment pitches.

Technologies: Angular.js, Sails,js, Node.js, Javascript, CSS, HTML5, MongoDB, Redis, Selenium, Mocha, Jasmine, Heroku, Git

Nodeware, Inc. ○ Software Engineer, Coral Springs, FL   2013 - present

· Consulting clients by developing proprietary applications specializing in SOA architectures.

· Creating full-stack enterprise web applications hosted on Heroku servers.

Technologies: Ruby, Rails, Javascript, CSS, HTML5, PostgreSQL, Node.js, Angular.js, RSpec, Heroku, Git

Pinch a Penny, Inc. ○ Freelance Software Engineer, Coconut Creek, FL   Spring 2013

· Developed proprietary Android application that enables pool servicers to connect to remote PostgreSQL database allowing CRUD functionality on client information.

· Created Groovy command line scripts for retrieving customer information and sending to servicers via SMS messaging, increase servicing volume by 10%.

Technologies: Python, Java, Groovy, PostgreSQL, HTML5, CSS, Android, JUnit, Apache Email Commons, Git

Education

B.S. Computer Science Engineering, Mathematics ○ University of Florida

· Selected Coursework:

     Computer Science: Computer Network Fundamentals · Operating Systems · Data Structures and Algorithms · Object Oriented Principles · Design Patterns · Database and Information Systems · Concurrent Programming · Computer Organization · Digital Logic

     Mathematics: Analysis · Complex Analysis · Analysis · Abstract Algebra · Combinatorics I&II · Combinatorial Theory · Multivariable Calculus · Probability Theory · Numerical Analysis · Computational Linear Algebra