ALANKRUT PATEL

Portfolio: Alankrut.com

Email: Alan@Alankrut.com

OBJECTIVE

Proficient Java developer, with extensive work done for Android. I am very enthusiastic about programming and technology, take great pride in my work, and am always willing to learn more. I can often be found tinkering with the latest gadgets.

EDUCATION

Aug. 2012 – May 2015	Bachelor of Computer Science. *University of Texas at Dallas,* Richardson, TX

PROFESSIONAL EXPERIENCE

June 2015 – Present	Software Developer, *State Farm Insurance Company*
	· Supported Java backend for SF Bank's vehicle loan underwriting engine
	· Worked closely with PL/SQL for debugging and test
	· Provided business partners with detailed estimates for enhancements
	· Maintained some Adobe ColdFusion components of the engine
April 2013 – Nov. 2014	Intern Developer, *UTS Warranty*
	· Developed Android client for company's preexisting web services
	· Integrated JSON parsing into Android app
	· Worked closely with MS SQL to ensure data integrity

SKILLS

Languages: Java, SQL, XML, JSON

Working Knowledge: Python, C++, ColdFusion

Technologies: Android SDK, MQTT, Z-Wave, Arduino

PERSONAL PROJECTS

Android Applications	Published several Android applications to the Google Play Store. These applications are of the utility category, aimed at making everyday life easier for the user. Most notable application is RiLo (Ring Louder) with 90k+ downloads.
Home Automation	Utilized several open-source projects (primarily written in Python) to stand up a dedicated home automation server. Consisting of presence detection, video monitoring, wireless controls, and seamless integrations between various devices.
IoT Sensor	Created an Internet of Things sensor using an ESP8266 microchip. Sensor is capable of monitoring a variety of parameters, such as motion, temperature, and carbon monoxide, then posts them to a MQTT server.