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Jianxi (Linus) Dong

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Technical Skills	Programming language: Python, JavaScript, Java, and Unix Shell Script Tools: Eclipse, GIT, SVN, Maven, Vagrant, AWS console, and Linux terminal console Frameworks: Flask, OAuth2, Spring Database and Others: Hands-on with PostgreSQL, Apache Tomcat, Nginx, STORM, Cassandra, and MongoDB

Professional Experiences

Readme Systems Inc.   Milpitas, CA, 11/2013 – Present
Full stack engineer

Working with founder to build PaaS applications for retail and healthcare market. The platform is based on Tomcat, STORM, and Cassandra. The proprietary hardware communicates with the cloud using JSON message, and apache STORM is used to manage and analyze incoming data in multi-thread processing configuration. The developed IoT platform has been successfully deployed in customer locations for trial.

- Lead the next generation of cloud platform development. Transforming Java based application to python based with Django framework.
- Daily cloud instances management on AWS. Maintains the virtual machines on healthy status and perform upgrade or recovery when needed during trail.
- Develops REST API route and interaction with database Cassandra and mobile application communication.

Domani Systems Inc.   Shelton, CT, 06/2011 – 11/2013
Software engineer

Implemented the home gateway application for traditional cable as well as IP-TV viewing using Java, MySQL, bash and other open source software to provide a suite of video and non-video services at the big screen TV with an IP set-top box. The developed home gateway solution has been successfully deployed in the network of independent cable operator customers for field trial.

- Built a web application for surveillance camera monitoring. Live feed can be accessed via web browser, mobile application, and displayed on TV screen.
- Implemented managed Wi-Fi infrastructure in home server. It provides comprehensive firewall and gateway functions.
- Developed integrated cable TV and IP-TV Solution. The integrated solution provides a suite of video and non-video services at the big screen TV.

Independent coursework

Full Stack Web Development Nanodegree	On going
Scrum Certification for Web Developer	On going

Education

University of New Haven, CT (M.S. CS)	09/2009-01/2012
Harbin Institute of Technologies, China (B.S. CS)	09/2004-07/2008