

Joshua Gardynik

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Software Engineer

Proficient at designing and building useful applications and devices to improve productivity and efficiency while minimizing the impact to cost.

Work Experience

MC Smart Controls, South Jordan, UT.

IoT Systems Developer (06/2016 - Present)

Responsible for:

- Web development of back-end management application to monitor and control IoT devices
- Using MQTT and other socket-based protocols for communication
- Embedded systems programming written in C

AirBand Wireless, Logan, UT.

Network Operations Consultant (08/2013 - Present)

Responsible for:

- Administrating and securing core network including routers, switches, wireless infrastructure, and Linux servers
- Scaling operations with new customers

Allmoxy LLC, Ogden, UT.

Web Applications Developer/Database Administrator (05/2008 - Present)

Responsible for:

- Software development of web application using a custom MVC framework and large-scale MySQL database
 - Designing system to sell complex build-to-order products with an emphasis on lean principles
 - Maintaining linux servers focused on SaaS offerings
 - Writing documentation, including specifications and testing procedures
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Skills Overview

Programming

Over a decade of experience collaborating with teams as a full stack developer to research, design, build, and test data-base-driven PHP applications and IoT ecosystems.

Key skills include:

- PHP5, PHP7
- XHTML1, HTML5, XML
- CSS (Bootstrap, native)
- Javascript (Prototype, jQuery, Knockout, native)
- MVC Frameworks (Zend, Laravel, CakePHP)
- Communications APIs (AJAX, REST, SOAP, MQTT)
- IoT Programming in C (MongooseOS)
- Revision Control Systems (SVN, Git)
- Bug Tracking Systems (Bugzilla, Trac, Jira)
- Specifications Document creation
- Quality Assurance (QA) Testing

Server Administration

Skilled at building, deploying, and managing linux-based servers for web applications and IoT networks with an emphasis on security and efficiency.

Key technologies include:

- Apache 2.4
 - Relational Databases (MySQL/MariaDB, PostgreSQL)
 - Linux (CLI, scripting, configuration)
 - Cisco IOS CLI
 - PCI-DSS Compliance
 - Embedded Systems (ESP32, PIC32, ARM)
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Education

Utah State University, Logan, UT

Bachelor of Science in Business Information Systems: Technical Emphasis, 2006

References

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