Ryan Johnson

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**SUMMARY**

Software craftsman with 7 years of experience. I have specialized in backend development, API design, and integrations, though I value the opportunity to work throughout the full stack to continually improve my skills.

I write elegant, well-tested code with a simple, yet effective design. I am interested in a position on a team with a quality-focused product development process.

**TECHNOLOGIES OVERVIEW:**

Ruby/Ruby on Rails, Python/Django

HTML, CSS, Javascript, jQuery, Angular, React

PostgreSQL, MySQL, MS SQL Server

Git, Bash, Vim, Rspec/Test-unit, REST/XML APIs

Linux/Windows/Mac OS, Server Management, Infrastructure monitoring tools

5 years experience in IT administration, previous to moving into software development.

**PROFESSIONAL EXPERIENCE:**

**Software Developer, Earthwave Technologies - (March 2017 - Now)**

Integrations specialist for the GPS/telematics based fleet tracking application “Fleetwatcher”.

* Stack: Django, MariaDB
* Designed a standardized python agent to function as a windows service to ensure continuous realtime data syncing.
* Added vendor database backend support to the agent to integrate with over 10 software vendors used by Fleetwatcher customers.
* Designed APIs for integrations to communicate and transfer data over.
* Work on bug fixes and new features in the primary Django application.
* Supported backend server infrastructure, configuring and custom creating logging and monitoring tools.
* Implemented new team processes and standards as member of a continuous improvement team.

**Software Developer, Republic Airways Indianapolis, IN (Oct 2016 – Jan 2017)**

Developed features for API/Admin backend of CrewLife, a mobile app that provided mobile access to schedule, pay info and more for airline crew members.

* Stack: Ruby on Rails, Postgresql/MSSQL, Sidekiq.
* Work with contracted software development agency in an agile/CI environment.
* TDD - created tests for all new features and bug fixes
* Developed Single Page Application for crew uniform ordering using Knockout.js.
* Developed real time reporting features for web administration interface.

• Extended mobile API to add or change API endpoints, automating testing/monitoring and versioning APIs

* Work with external API services for code quality metrics, API monitoring/testing, CodeClimate for CI, etc.
* **Software Developer, MOBI Wireless Management Indianapolis, IN (Nov 2011 – Oct 2016)**

Developed features for Rails 4 SaaS app which managed enterprise mobility programs.

* Worked in a full stack environment, with backend, frontend design/JavaScript, and server admin responsibilities
* Developed features for flagship MOBI application in an agile team environment
* Utilized test-driven development to cover new features and assist in refactoring complex legacy code.

• Integrate with wireless carrier APIs, developed custom APIs for internal/partner use

• Lead developer of Reimbursements app, used EDI and ACH to transfer corporate account payment funds

• Lead developer of Deployments app, used to track a recurring large scale device upgrade deployment - 13,000 devices being shipped and activated onsite at client locations.

* Created app for barcode scanning and inventory tracking, as well as manage device kitting scripts for logistics team, saving on manual labor time/costs

• Ownership of a group of ~10 legacy applications, in varying versions of Ruby/Rails. (2.x, 3.x, 4.x)

**Unix Admin, Perpetual Technologies, Inc. Indianapolis, IN (2010-2011)**

Performed infrastructure support for the DFAS agency’s intranet portal with 10,000+ daily active users.

* Managed support requests detailing user login, support, and bugs using Remedy ticketing system and email.
* Took client phone calls for support issues, and advising on logistics for following processes to gain elevated access systems.

• Performed user management and permissions/access support for 100+ Solaris UNIX servers and Oracle Database Servers

• Obtained Secret Clearance for working with government systems, as well as CompTIA Security+ certification

• Responded to urgent performance issues by troubleshooting and restarting services

• Performed auditing projects on web servers, updates and patching to meet security standards

**Owner, Beep Technology Consulting Indianapolis, IN (2008 - Present)**

Consulting business formed in 2008.

• Consulted with clients on their technology management needs.

• Provided support services for small business networking, email, and web hosting

• Supported a diverse group of clients in the medical, retail, and music industries

* Designed custom websites ranging from basic static sites for simple needs, to WordPress sites with custom layouts

Professional references available upon request.