Jim Bulkowski

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Software developer/Software project manager

Five years of professional experience developing, directing and deploying complex software applications, with a prior four years experience managing multi million dollar infrastructure projects.

I seek to develop innovative applications, using the best tools available, in a scalable and maintainable way. I am an expert level javascript developer with experience in several other popular languages.

Professional experience

Software Developer - Paper Electron LLC. Atlanta GA

June 2012 - Present

- Currently developing open source libraries and frameworks, primarily to support SaaS and PaaS implementations.

- Consulting and custom implementations with a focus on highly concurrent, scalable systems and improving build, test and deploy pipelines.

- Sundry - A caching, dynamically configurable reverse proxy, designed to power SaaS architecture.

- Magnum DI - A key value dependency injection framework that simplifies dependency management in generated code.

- Pomegranate - a drop in application framework written in NodeJs that incorporates multiple datasources, and values extensibility.

Lead Architect - MVP Innovation. Atlanta GA

August 2014 - March 2015

- Designed and implemented a 500+ endpoint REST api, interacting with 3 different data-sources.

- Designed and implemented a 50k loc front end application in AngularJS, packaged with Browserify.

- Developed a test driven design strategy, running nearly 3000 ad hoc tests on every commit from a team of 4.

- Implemented and managed a SaaS platform comprised of a centralized router, credential arbitrator, service manager and docker container manager.

- Managed several bare metal servers running ESXi, comprising 15+ virtual machines configured with Ansible.

Development/Operations Lead - Monstercraft. Daytona Beach FL

January 2011 - June 2012

- Oversaw a massive baremetal JVM deployment, averaging 10TB/month network traffic, and 99%+ uptime over 18 months.
- Managed a 100% remote development team, producing several Java plugins for the Bukkit server platform.
- Managed and developed web infrastructure in PHP, including integrated user signup, payment and management.
- Developed a server ranking application with cryptographically secure voting.

Project Manager - R&R Industries. Daytona Beach FL

November 2007 - January 2011

- Project managed large, fast paced, multi million dollar, construction projects
- Managed teams of up to 20 people to ensure proper procedure, safety and quality are followed through the entirety of the project
- Responsible for project lifecycle including project planning, estimation, scheduling and warranty.

languages

Javascript Go Python Java
PHP Lua Ruby Bash/ZSH

frameworks

NodeJs Express AngularJS React
Spring Flask Laravel RoR

technologies

Esxi Docker Ansible CouchDB
PostgreSQL Redis RabbitMQ Unix

Related skills, hobbies and passions.

I am a lover of all things related to computing and programming, I obsessively practice my craft and take great joy in learning and using every new framework, language and platform that comes along. DevOps is my primary hobby so I have a home network that rivals many medium businesses, along with a fairly intricate vCenter cluster at home. I also enjoy embedded programming in C and C++ on the Arduino and standalone Atmel platforms. For fun I live vicariously through my son and attempt to dream up the next big thing, so far unsuccessfully.