

Interests

Agile Development Practices ♦ Domain Driven Design ♦ RESTful APIs ♦ Microservices ♦ Cloud Computing & Storage ♦ Open Source

Skills

- Python, Javascript, Golang, C#, C, C++, Bash, Perl
- Django, React, NodeJS, Flask, AngularJS, ASP.NET
- Postgres, Redis, MySQL, MongoDB
- RESTful APIs, AWS, GraphQL

Experience

Spire Global

Engineering Manager, Space Operations Software

NOVEMBER 2018 - PRESENT

Lead development of tools and systems for constellation monitoring

Responsibilities

- Manage engineers and guide career development
- Plan product roadmap
- Lead team in agile software development
- Build features and design new products

TRED

Senior Software Engineer

JULY 2018 - NOVEMBER 2018

Developed new features for the TRED marketplace

Responsibilities

- Lead the team as Scrum Master encouraging agile practices

PureCars

Engineering Manager, Calltracking, Webcrawling, OEM Reports

APRIL 2015 - JUNE 2018

Managed development team responsible for lead tracking and website scraping

Responsibilities

- Managed team members, including performance reviews, coaching, and mentoring
- Interface with product and leadership teams helping to build product backlog
- Lead the team as Scrum Master encouraging agile practices

Buildium

Senior Software Engineer

JANUARY 2015 - MARCH 2016

Worked on property management software designed to help property managers. Architected backend solutions and participated in design sessions to deliver products that met customers need

Responsibilities

- Developed property management software for residential property owners and management companies
- Worked with .net (C#) and mysql to implement features in the core Buildium product

Accomplishments

- Brought on to team as an 'agent of change' to improve team's agile software development practices and make the team more reliable and effective
- Extended legacy billing system to support new types of add-on services
- Helped integrate Buildium residential lease tracking with Assurant Renters Insurance offering
- Helped add tenant background check and credit checking service

Nasuni

Software Engineer

FEBRUARY 2013 - DECEMBER 2014

Started with automation team maintaining automation framework and building messaging queue. Switched to development team working on core product, fixing bugs and building new solutions for enterprise storage using cloud storage and other technologies

Responsibilities

- Maintained UI (Python/CSS/JS) and core libraries (Python/C/C++) of the Nasuni Storage Filer and Console
- Maintained testing infrastructure and automation dashboard (Python)

Accomplishments

- Led feature team adding FTP mounting ability and other related features to UI and core libraries
- Helped implement "perfect file locking" between filers to create an effective distributed file system
- Add feature versioning for maintaining compatibility with older version of the filer
- Designed "sideloading" feature for installing new versions of the filer

Emulex

Senior Software Engineer

MAY 2008 - JANUARY 2013

Started with Linux QA team testing full product stack quickly transitioned to development team maintaining test and build tools, as well as architecting new solutions. Eventually fixing Linux kernel driver and library bugs

Responsibilities

- Managed intern team used to support internal testing framework
- Maintained nightly testing and CI infrastructure (Perl)
- Fixed kernel Linux driver and library userspace interface bugs (C)
- Interfaced with major Linux distributions for inbox driver submissions and bug fixes
- Handled driver release responsibilities and maintained python build scripts
- Maintained svn branching structure and merges
- QAed Linux driver, interface library and GUI configuration toolHelped write regression tests

Accomplishments

- Reverse engineered RPM binary driver build process in order to extend support for other distributions
- Rewrote internal testing framework in Python to make it easier to maintain and extend

Education

Bachelor of Science in Computer Science

WPI

WORCESTER, MA

AUGUST 2004 - MAY 2008