

EMPLOYMENT

Software Development Eng. III **GoDaddy** **Summer 2011 - Current**

- Develop critical customer facing services and applications for Domains organization.
- Automate monitoring, build, capacity, IP management, configuration and performance processes.
- As scrum master, utilize Agile best practices, with a focus on Scrum methodologies.
- Windows and Linux server administration.
- Helped reduce VP, Private, and Windows Server build times by over 60% and improved overall process.

Systems Compliance Eng. **I.B.M.** **Summer 2009 – Summer 2011**

- Perform and respond to patch compliance, health checking and audits.
- Windows, Linux and Unix server administration.
- Maintained 95% or greater patch compliance across 170 company accounts.

Network Eng. **United States Army** **Summer 2005 – Spring 2012**

- Planning, designing and testing of WAN/LAN networks and telephone exchanges.
- Stood up, maintained and improved communications, networks, hardware and software.
- Built and tested internal software.
- Windows, Linux and network administration.

EDUCATION

Phoenix, AZ **University of Phoenix** **Fall 2011 – Current**

- A.A. in General Studies. GPA: 2.92
- Undergraduate Coursework: Intro to Local Area Networking, Computer Hardware Basics, Operating Systems, Information Security Management, Cisco Networking, Windows Networking.

TECHNICAL EXPERIENCE

Projects

- **Vanguard** (2017 - Current) – Server/Client/Docker/Web based. A soft real-time, distributed, scalable, fault tolerant, self-healing monitoring service. Written with Elixir.
- **PatchMan** (2016 - Current) - Server based. Multi OS patching as a service. Written in Python.
- **HA LBaaS** (2016 - Current) - Server/Web based. Highly available, geo aware, multi-dc, multi-cloud load balancing as a service. Built on OpenStack, SaltStack, Sensu, Haproxy, Keepalived, Consul-Replicate and Consul-Template. Deployed on Kubernetes. Written in Python.
- **NaCl-Cli** (2016) - Server based. CLI for interacting with SaltStack via Salt-API. Written in Python.
- **Core Provisioning Platform** (2016) - Server/Web based. Multi OS CICD provisioning platform on OpenStack, SaltStack, Sensu, Jenkins, Artifactory, Haproxy, Consul and Vault. Written in Python.
- **Build Automation Tool** (2015) - Web based. Allows for tracking builds, reporting metrics, and one click automation of common tasks. Written with Python, PostgreSQL, and JavaScript.
- **Remote Administration Tool** (2013 - 2015) - Web based. Allows for remote and local administration, similar to Rundeck or Ansible. Written in Python.

ADDITIONAL EXPERIENCE AND AWARDS

- **Competitor in CDC (2003 – 2005):** Blue team member in cyber defense competition.

PROFICIENCIES

Languages and Frameworks

- **Proficient:** Python, Elixir, Erlang, Go, Rust, Django, Flask, Bottle, Phoenix
- **Familiar:** JavaScript, SQL, C#, Angular.JS, NoSQL, Java, ReactJS

Technologies and Processes

- **Proficient:** Rest, GIT, Sensu, SaltStack, Jenkins, OpenStack, ServerSpec, GraphQL, Kubernetes, Docker
- **Familiar:** Travis CI, TDD, NginX, Unit Testing, Integration Testing, ELK, Hadoop, Rundeck, Artifactory, Scrum, Apache, JIRA, DNS, Ansible, IIS, Parallels, Consul, Vault, Puppet