**Tim Condit**

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**DevOps** ● **Systems Engineering** ● **Team Success**

**Passionate software engineer** with strong expertise in DevOps, Configuration Management, Systems Engineering and Automation. Prefer just enough process to avoid [bike shedding](https://en.wiktionary.org/wiki/bikeshedding). Mission is to create the synergy of technology, best practices and business interests to forge a path for sustainability that drives company success.

**Strengths:** Hands on technical leadership, training & mentoring; direct and persuasive communication, bottom line guy, delivering on the mission.

**Best at:** Pulling the right teams together to accomplish the mission; reducing the noise of chaos and constant change; being the magnet for random questions to keep people focused.

**Fluent in:** Connecting people and data to get them/keep them moving forward; understanding and communicating the WHY; listening, focusing and assessing; fact finding.

**SME in:** Adjusting to change, using training to remove the boogey men and fear; matching capacity to demand, and software configuration management.

**Culture fit:** Fluid, lots of change, some structure and advocating creativity and exploration within that; [evolving](https://medium.com/@jurgenappelo/the-7-levels-of-delegation-672ec2a48103) from "just do it" (because I said so) to "just do it" (go figure it out); promoting a culture of collaboration and "we're better together."

**Technical nirvana:** Open collaborative information sharing, building reusable code and components, exploring goals to really address the needs of the company.

**Philosophy:** The business always needs and wants more than it even knows. Our job is to deliver that and more – smoothly, responsibly and cost effectively.

**Define success as:** Creating a high functioning team that understands each other's strengths and covers on weaknesses.

**What drives me:** Bringing together business and technology imperatives to move the company forward. **Bring. It. On.**

**Skills & Expertise**

Build & Deployment *AWS*: VPC, EC2, IAM, S3, Route 53, RDS, EBS, Lambda, Directory Service

Configuration Management Jenkins, Terraform, Ansible High Availability SQL Server

Training & Mentoring Python, Bash, [Fabric](http://www.fabfile.org/) Active Directory

Technical Leadership Linux System Administration Stakeholder Management

Requirements Definition Docker, Nginx MongoDB Administration, Chef

**Active Interest & Ongoing Learning In:** Kubernetes, AWS Solutions Architect certification, "student

of people", Python; also [nim-lang](https://nim-lang.org/) *(for fun – Golang would be a more practical choice)*

**Professional Experience**

**Senior DevOps Engineer, Nortek Security & Control, Kirkland, WA Jan 2017–Present**

Joined the team as the primary engineer tasked with evolving a DevOps framework, including CI/CD, managing Linux systems and creating tools that would help take the company, products and services to the next level.

* Configure and integrate SQL Server High Availability, replacing MongoDB as the production database for our Nexus service, which collects event data from our 3G devices, and sends alerts to emergency services as needed.
* Mentor/coach development team on DevOps practices to bring skills closer to responsibilities.
* Write automation to do the three-step: provision AWS resources (EC2, EBS, subnets, security groups, etc.); configure them (make filesystems, create users, install and run daemons); and deploy our applications to them.
* Trigger Jenkins jobs to spin up Docker containers that build and test our applications; deploy with Python and Fabric (and lots of little shell scripts).
* Optimize server configuration, storage and network architecture. Gateway of last resort. :)
* Conduct regular reviews of our built environment identifying waste, wherever our spend exceeds our needs.
* Primary point of contact for some developers for resolving Git issues.
* Configure and integrate with SaaS monitoring and alerting; migrate to corporate standards where it makes sense.
* Manage developer and administrator access, including on-boarding and off-boarding.

**Tech Lead, DevOps, CapitalOne, Seattle, WA 2012–Jan 2017**

My primary role was to help my team succeed by coaching, training and mentoring, removing impediments, and rolling up my sleeves when necessary.

* Implemented & managed DevOps practices, patterns and tools across the enterprise to improve the quality of the products, streamlined the overall delivery process and increased velocity.
* Migrated the team and the teams we supported to a shared tools model to eliminate bottlenecks. Optimized the team for the future – trained and broadened skills to become more full-stack oriented.
* Actively promoted an environment of collaboration with engineering and the business to create reusable automation and solutions.
* Specifically, we handled all levels of development support, software configuration management, performance engineering, and production readiness. We focused on Continuous Integration and Continuous Delivery, building, stabilizing, artifact storage, and evolving the technology platforms.
* Also managed the FINRA (regulatory watchdog) requirements for auditing and security.
* Responsible for delivery planning, documenting KPIs of the DevOps process and determining how best to deliver these to senior management.
* Member of the “occasionally needed” requirements gathering SWAT team, ensuring clear communications and keeping the wheels turning.
* Part-time project manager and developer.

**Early days – 2012–2014**

* Joined the company as the build manager, created the beginning of what is now DevOps, implementing new tools, technologies and methodologies. Formalized repeatable processes, version control and brought some consistency to the chaos.

**CM/Build Engineer,** **Envision Telephony Inc., Seattle WA** **2007–2012**

* Evolved Envision's build environment from truly awful to pretty darn good.
* Wrote and maintained the patch installer we use for updating our latest server products.
* Refactored our build tools to perform more flexibly within Bamboo build stages & tasks.
* Configuration management: worked with developers to manage source and verify merges.
* Wrote and maintained our Windows Installers (~12 of them, depending on version).
* *Tools:* Subversion, C#, Visual Studio, Windows Server, SQL Server, Advanced Installer, Bamboo, Jira, Git, Python, Apache Tomcat, IIS.

**Build Engineer,** **Microsoft Research & Microsoft Serviceability, Redmond WA** **2005–2007**

* Built and published software for language system training.
* Took the lead on setting up code coverage builds for the test team.
* Created ASP.NET/SQL website to monitor build cluster status.
* Developed software tools to automate package production.
* Wrote technical documentation blockbusters such as “*Vista Servicing Tools Test Plan*”, “*Setting up a Vista SourceDepot Client*”, and “*Creating Dynamic Update Packages*”.
* *Tools:* Perl, C#, ASP.NET, Visual Studio, SQL Server, Windows Server, SourceDepot, CoreXT (MS proprietary build environment).

**Early Career**

**Technical Instructor,** XtraNet Training and Services, Troy, MI, Taught Java programming, Linux & Solaris administration.

**Student, MS Computer Science,** Eastern Michigan University, Ypsilanti, MI; Part-time user support technician, Information and Communications Technology (ICT), Intern, Menlo Innovations, Ann Arbor, MI.

**Internet Operations Engineer,** Global Crossing, Southfield, MI.

**Network Control Technician / QA Engineer,** MCI Inc., Ann Arbor, MI.

## Education

**Eastern Michigan University, Ypsilanti, MI**

Completed credits for Master of Science, Computer Science (no degree)

* Thesis is a simulation of a taxi service that runs efficiently without a central dispatch. Network graphs generated from U.S. Census Bureau geographic data.
* Python [project source](https://bitbucket.org/timc/unified/src) and LaTeX [thesis source](https://github.com/tcondit/Routes-Report) & draft PDF available.

**BS, Biotechnology, Worcester Polytechnic Institute (WPI), Worcester, MA**

* Capstone project: genetic research into diabetes in lab rats at UMass Medical Center.

**AWS Certified Developer – Associate** – November 2016

**Solutions Architect Professional Certification** – in progress – expected certification November 2018