Brandon C. Wilson   281.750.9483
Cloud Engineer, Consultant, Advisor, Mentor   bcwilson@bcwilson.com

Professional Summary

I am a strong technical leader with an entrepreneurial spirit and drive to succeed. My background is deeply technical and I am a successful individual contributor, cloud systems architect, team lead, organization manager, founder, mentor, and consultant.

My technical experience includes designing and building massively scalable, highly reliable systems both self-hosted and based on cloud services such as AWS. My technical interests currently focus around secure cloud-based systems architecture, including scalable distributed systems and infrastructures.

My past business experience includes establishing and maintaining high level business relationships, due diligence for acquisitions, internal entrepreneurship, and raising development funds, and security auditing for various compliances.

Specialties: Secure Cloud Systems Architecture and Engineering, Distributed Systems, Entrepreneurship and Business Development

Technical Summary

- 20+ years experience in tech and leadership.
- Including Systems Design, Site Reliability Engineering, Architecture, DevOps, Cloud Engineering and Team Management.
- AWS technologies such as EC2, ECS, VPC, Lambda, STS, KMS, CloudTrail, CloudWatch, and many more
- Hashicorp technologies Terraform, Consul, Vault, Packer
- Linux ecosystem: RHEL, Ubuntu, CoreOS, Docker, Kickstart, KVM, Kickstart, Satellite Server
- Sun ecosystem: SunOS 4.1.4, Solaris 6/7/8/9/10/11, OpenSolaris, OpenIndiana, Zones, LDOMs, Jumpstart, Live Upgrade, Sun Cluster, ZFS
- IBM ecosystem: AIX: 5x, 6x, LDOMs, NIM, HACMP
- Sun Hardware: Enterprise 280R thru E25k, Sun Fire V240 thru 6800, T1K & T2K, T5240, X4520, M3000, M4000, M5000, M9000 and many other models both Sparc & X86.
- Scripting: Bash, Ksh, Python, Perl, PHP, Ruby Puppet Modules
- Database: Oracle 10g/11g/12c, Oracle RAC, MySQL, PostgreSQL, Snowflake, Fivetran
- Networking: TCP/IP, VPNs(IPSec, PPTP), NFS, DNS, NIS, S/FTP, SNTP, SNMP, SMTP, POP, IMAP, SAMBA
- Network Hardware: Citrix NetScaler
- Management: Team Lead / Manager, Project Management, Scrum Master
- Management specialization in Kanban/Scrum practices, Team building, Culture Facilitator
- Experience maintaining enterprise level environments at architect, engineer and admin levels
- Extensive hands-on technical background including production technical operations, software life cycle support, security, and OS software/hardware maintenance.
- Experience with both international enterprise environments as well as small startups
- Interpersonal Skills & Communication
- Highly Self-Motivated

Industry Certifications

AWS Certified Cloud Practitioner - Validation Number: XY88YQRKCJFEQPG3
Solaris 10 System Administrator - Exam: 1Z0-876
Sparc T4-Based Server Installation Certified Implementation Specialist - Exam: 1Z1-597

Last 10 Years of Experience

Boulevard Labs, West Hollywood, CA   May 2019 - Present
Lead DevOps Engineer, Lead SRE, Security & Compliance

• First DevOps Engineer / SRE at a Series A financial tech startup
• Built a highly secure and scalable multi-account AWS infrastructure framework using Terraform from the ground up
• Migrated company from Heroku to AWS
• Advised and mentored engineers on AWS services
• Rebuilt our external and internal DNS solutions to use Route 53 and AWS Shield Advanced for DDOS protection
• As one of the first employees, I was initially responsible for everything from IT and laptop management, to designing our AWS Architecture, and our Security & Compliance initiatives.
• Solely responsible for the company's entire PCI, SOC 2 Type 2, and HIPAA compliance.
• Worked with outside compliance auditing firms to establish and prove PCI and SOC compliance.
• Worked with outside pen testing firms to audit and prove our platform security.
• Implemented vulnerability scanning on code checkin using Anchor and Tenable.io

Sony Playstation, Los Angeles, CA   November 2017 - May 2019
Manager, DevOps Engineering

• Brought on to build new team of DevOps and SREs within SIE's LA Office.
• Responsible for modernizing the services hosting infrastructure for Customer Services, Partner Services, & Platform Services
• Oversee Playstation Network's migration from on-prem data centers around the world in to AWS.
• Educate and assist development teams with modernizing their services for AWS, including micro-services and docker containerization.
• Design, document, and implement development team onboarding processes
• Design, document, and implement a new production incident management workflow, including on-call rotations and NOC procedures.
• Work with people around the world to design a new global monitoring solution for all of SIE and Playstation Network.
• Support and manage work tasks and distribution of tasks among team

Red Bull Media House, Santa Monica, CA   March 2016 - November 2017
DevOps Team Manager, Lead Cloud Engineer

• Built a team of DevOps Engineers in order to create and deploy the infrastructure for the new digital streaming platform RedBull.TV
• Designed and built a highly scalable online tv streaming platform on AWS capable of autoscaling to handle an average of thousands of concurrent viewers during normal load, to hundreds of thousands of concurrent viewers during large live events such as movie premiers, music festivals such as Austin City Limits, Lollapalooza, and various Red Bull live events
• Infrastructure as Code using Terraform, Packer, and Ansible
• Implemented shared services and tools such as Terraform, Consul, Vault, Jenkins, ELK, etc
• Support and manage work tasks and distribution of tasks among team

Rdio.com / Pandora.com, San Francisco, CA   February 2014 - March 2016
Sr. Infrastructure Engineer, DevOps Team Lead

• Designed and Implemented the infrastructure for the music streaming startup Rdio.com
• Worked with the software engineering teams to design and implement CI/CD processes and workflows
• Advised and Mentored junior systems administrators on team
• Briefly worked with the Pandora.com team to migrate systems from Rdio to Pandora
• Advised the Pandora infrastructure teams on possible architectures and technologies for Pandora's new platform and services
• Mentored teams and individuals on latest infrastructure tools and technology and how to organize around them
• Began initial implementations to build Pandora.com's new platform and begin creating the Pandora Premium product

Hotwire.com, San Francisco, CA   July 2012 - May 2014
Lead UNIX/Linux Engineer

• Responsible for UNIX IT Operations as part of a team of 5 engineers in an E-Commerce Apache Tomcat site
• Support and manage work tasks and distribution of tasks among business focused teams
• Facilitator in developing and implementing Scrum work methodology for all of Hotwire IT
• Design & deploy new Puppet Enterprise 2.7 infrastructure in order to help facilitate transformation of legacy IT
• Worked with UNIX Team to upgrade Citrix NetScaler infrastructure to virtualized VPX solution
• Worked with business groups on endeavors outside of direct IT roles, in order to be a leader of facilitating innovation and creative experimentation within the Hotwire business in effort to discover new sources of revenue.
• Worked with HR and the Employee Action Committee to identify ways to internalize creative projects in an effort to create company culture, reduce expenditures, and strengthen inter-team relationships.

Experience Prior to the Last Decade

Amylin Pharmaceuticals, San Diego, CA   September 2010 - July 2012
Lead UNIX/Linux Engineer

Emerson, St. Luis, MO   September 2009 - September 2010
Solaris Systems Engineer

IBM, Houston, TX   January 2006 - September 2009
Sysadmin Team Manager, UNIX/Linux Engineer