

# ROB MUHLESTEIN

**IT INFRASTRUCTURE ENGINEER • SENIOR SOFTWARE DEVELOPER**

rob@rwx.gg / rob.rwx.gg

## EXPERIENCE

**Founder • Mentor • CEO • Engineer • Developer**

SkilStak, Inc. (Davidson, North Carolina, USA)

May 2013 - Present

**Senior Software Developer**

IBM Software Division (Tivoli) (Remote, USA)

July 2009 - February 2014

**Site Reliability Engineer • Senior Software Developer**

IBM Global Services (Remote, USA)

January 2000 - July 2009

**Tivoli Administrator**

IBM Global Services (Remote)

October 2002 - July 2004

**Site Reliability Engineer • Systems Administrator**

IBM Global Services (Remote)

March 2000 - October 2002

**Full Stack Web Developer**

Nike, Inc. (Nike.com) (Beaverton, Oregon)

August 1999 - January 2000

**Intranet Webmaster • Developer • Linux Administrator**

Nike, Inc. (Swooshnet) (Beaverton, Oregon)

August 1996 - August 1999

**Full Stack Web Developer**

Self (Independent Contractor) (Gresham, Oregon)

September 1995 - February 1997

**Full Stack Web Developer • Presenter**

Teleport Internet Services (Portland, Oregon)

May 1995 - August 1996

**Director of Sales • Full Stack Web Developer**

Fibernet Internet Services (Provo, Utah)

October 1994 - May 1995

## SKILLS

- Linux/UNIX Systems Architecture and Administration
- Site Reliability Engineering (SRE)
- Cloud Native Computing (DevOps)
- System Software Design and Development
- Scripted Automation and Orchestration
- Network Protocol API Design and Development
- Domain Language and Grammar Specification
- Web and Proxy Server Setup and Administration
- Enterprise Data Collection and Management

- Structured Configuration Management and Exchange
- Terminal User Interface (TUI) Specialization
- Enterprise Domain and Data Modeling
- Event-Driven Enterprise Business Patterns
- Agile and Test Driven Development Practices
- Multi-core Asynchronous Programming
- Interprocess Communication Methods (IPC)
- Core Dump and Root Cause Analysis
- Cybersecurity Auditing and Testing
- On-Prem Systems Hardware Administration
- Supply Chain Integration
- Writing and Publication

Linux • Ubuntu • Debian • Red Hat (CentOS) • Kubernetes (k3s) • Containers (Docker) • Virtual Machines • VMWare • Virtual Box • k3os • RancherOS • Raspberry Pi • Arduino • UNIX • Solaris • AIX • Terminal (TUI) • Command Line (CLI) • Secure Shell (SSH) • File Systems (SAN/NAS) • TCP/IP • UDP • Sockets • HTTP • SMTP • IMAP • POP3 • LDAP • Samba • SFTP • DNS • TLS • Apache • Nginx • Go (golang) • Go Templates • Perl • Python • Bash • POSIX Shell • Expect (TCL) • Fabric (FabFiles) • C • gdb • gcc • strace • HTML • CSS • JavaScript • JAMStack • Websockets • NodeJS/NPM • PEGN • ABNF • EBNF • SQL • PostgreSQL • Redis • UML • ERD • YAML • JSON • XML • TOML • Markdown • Pandoc • GraphQL • REST • gRPC • ProtoBuf • curl • nmap • OAuth2 • Vim/Vi • VSCode • TMUX • screen • Lynx • w3m • Git • GitHub • GitLab • Gitea • DigitalOcean • AWS • IRC • Slack • Discord • Twitch • YouTube • Twitter

## PROJECTS

- Home (on prem) Kubernetes cluster with custom cloud native apps
- Twitch/YouTube Live Stream Tech Community (rwxrob.live, rwx.gg)
- Parsing Expression Grammar Notation (pegn.dev)
- Association of Federated Knowledge Workers (afk.works)
- Knowledge Exchange Grid (keg.network)

## EDUCATION

- Bachelors of Arts, Russian, Brigham Young University, 1994, 3.6 GPA (4.0=A)

## LANGUAGES

- American English (native)
- Russian (spoken and written)
- French (spoken and written)