JOHN ZHAO

**Location: Los Gatos, CA 95032**

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**Contact: 408-621-2926**

**PROFESSIONAL SUMMARY**

More than 28 years of hands-on experiences in computing System, Application, Networking, Security and programming environments, lead large-scale technical projects, working with internal staff and vendors to define requirements, scope technical efforts, determine solutions, and then implement those solutions. Expert technical skills in UNIX/Linux Systems/Application build/support and development large DC on-prem/Cloud VPC integration IaaS, PaaS, IaC, docker/Jenkins /k8s CI/CD/Automation with Terraform/Ansible on KVM/AWS/GCP/Azure, Python(OS/System/DB/Web Interfaces/networking/automation/data science integration, Critial data encryption/recovery, Hard-working, good team management, self-motivated, well-organized and able to work effectively under pressure on demanding environment.

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**TECHNICAL KNOWLEDGE**

GitLab / GitHub / Jenkins / CI / CD/ Cloudformation /Terraform / Ansible, Kubernetes / Docker, UNIX / Linux /Windows/MacOS/WinAD-SFU, Oracle / MySQL / SQL, LDAP / KDC / NIS / IPA, SAN / NAS/Transparent Proxy, Strong Bash Shell Scripting with C/C++ / Python Package management, J2SE / J2EE /Apache / TLS, SQL / PL / SQL, Jumpstart / Kickstart / KVM, Grafana / Splunk /Data Dog/ Dynatrace

**HOBBY & INTEREST**

Classical Guitar | HiFi Audio

**ACADEMIC QUALIFICATION AND CERTIFICATION:**

* **Southeast University, China - B.E. Electromagnetism Field & Microwave 1986-1990**
* **San Diego State University, California USA – B.S. Computer Science 1992-1996**
* **Caltech Post Graduate Program in DevOps** 2022 Mar-Dec

**Other:** Singapore Citizen | US Green Card holder

**PROFESSIONAL EXPERIENCE**

**Sunvalley Computer Inc.** (02/1999 to present)

**System Software Engineer – Lead SRE/DevOps**

Bay Area, California, United States & Singapore

* Invented Zero Trust DevOps Automation (High secure Crytocurrency level)
* System Software Engineer - Lead SRE/DevOps/IT Engineering consulting for US custormer
* C++/Python, AI, Data science, docker-compose on Dev & Jenkins, K8s, Java, next.js,nodejs, AWS cli, terraform, ansible CI/CD on DevOps

Consulting supported Clients: Sun Mirosystems, NUS/NTU Com Center, Agilent, NEC, Visa Internationl, DBS Vickers, Orange(French Telecom), Converge Asia, Trend Micro, Polaris Wireless E911, Walmat Labs, Samgsumg SSD R&D labs, Oracle Cloud, Finicast, Apple BI, Cigna

**Kroger** ( 04/2019 to 02/2022)

**Sr. Software Engineer – Lead SRE/DevOps**

San Jose, California, United States

* Software Development on E-commerce Tech Innovation with SDLC lead DevOps and Python Back-end Support on GCP Gmap API services with auto-drive/delivery routing, AI/ML/Crypto market Simulation platform and tools & Azure Cloud - Application Servers, KDC, Bastion access gateway, 1Password/SSH-Key token environment. C/C++ and Python based products

**HGST** ( 04/2011 to 11/2015)

**Principal Engineer ( Cloud Solution)**

San Jose, California, United States

* Managing IBM Professional Services on HGST support DCE/DFS and IBM AFS environment, creating Linux & AWS Cloud as replacement of IBM AIX legacy systems. Invented Virtual Encrypted Domain Prototype with open source & LDAP, Kerberos KDC principal

**Trident Microsystems Inc.** (04/2008 to 03/2011)

**Engineering On-Premise Platform Solution**

Santa Clara, California, United States

* Creating high secured engineering design network, protecting internal IP data & repo access for Santa Clara & Munich including Data cernter servers, engineering networks, applications and security, single-sign-on nis/ldap
* Deploy Solaris/Linux server/VM from command line & bash script automation
* built Liunx kernel level security for data security, C/C++ and Python based products

**FormFactor Inc.** (07/2006 to 03/2008)

**Systems Analyst (On-Premise ERP Application)**

Livermore, California, United States

* Providing supervision, administers all aspects of an advanced, ERP/Oracle RAC system build & supporting a specifiedfunctional area on Solaris/Linux/VMS/UNIX/ESX/Container/LDOM infrastructure environment, plan and coordinate system utilization, and perform growth analysis and capacity planning, perform systems and applications analysis/design and programming to produce a variety of innovative solutions to complex problems, perform installation, maintenance, training, and user support as required; plans and coordinates projects to meet future needs.

**Advanced Network Technology Laboratories Pte Ltd** (11/2001 to 05/2004)

**Regional Tech Support (Linux networking & security product after sales)**

Singapore

* APAC regional technical support for ISP customer (Linux based networking & security product)
* Remote system upgrade & License activate over SSH tunnel

**Ascom Technologies** (06/1995 to 02/1999)

**Tech Support (Singapore Gov Computing Solution Provider)**

Singapore

* Singapore Gov Computing Solution Provider (Software from UK, Mainfrain Hardware from USA)
* ProC, UNIX/HP-UX/Solaris systems, security & databases services

**REFERENCE** (Available on request)

https://www.linkedin.com/in/john-j-zhao-8656698/

https://www.hackerrank.com/certificates/0bf53df1d328/