**Raul Pineda**

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**Profile Summary**

**Cloud Solutions Architect | Strategic Technology Leader | Open Source Advocate**

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# With a career spanning over 25 years in the technology sector, the journey has been defined by a commitment to innovation and technical excellence in managing enterprise production environments. Specializing in strategic technology leadership and team development, there's a focus on delivering dynamic, problem-solving solutions that surpass customer expectations. Collaboration with executive leadership to ensure technology strategies harmonize with business goals has been a critical driver of growth and innovation. This path is distinguished by a proven ability to lead diverse, high-performing teams and launch forward-thinking technology projects that enhance organizational efficiency and security. Embracing both the roles of a continuous learner and a mentor, there's a dedication to merging technical expertise with effective communication, nurturing a culture of teamwork and perpetual enhancement. Active participation in community initiatives, such as IEEE SA Open and FOSET (Foundation for Open Source Ecosystem Technology), underscores a deep commitment to technology. This engagement has been recognized through various awards and contributions to significant events, including speaking engagements at OSCON, Innersource Commons and presenting on platform engineering at the OpenUK State of Open in London.

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**Expertise and Capabilities**

# Leadership and Non-Technical Skills

* **Leadership**: motivation-focused community builder, inspiring mentor, empowering director of leaders and teams, cooperative servant leadership skills
* **Organizational**: coordinator of events, partnership development, team, and volunteer organizer
* **Innovation**: entrepreneur, innovator, analytical and artistic vision, adaptable problem solver
* **Learning**: self-motivated learner, technology tinkerer, critical thinker
* **Collaboration:** Strong oral and written communication skills, active listening, open-mindedness, and conflict-resolving

# Technical Skills

**Cloud Computing**: Amazon Web Service (AWS) - Route 53, EC2, AMIs, EBS, VPC, ASG, IAM, AWS Backup, SES, LightSail, CloudWatch, Beanstalk, Lambda, S3, ECR, ECS, EKS, Sagemaker, Greengrass, DynamoDB, RDS; Azure, Google Cloud Platform (GCP), Docker, Kubernetes, Devops, DevSecOps; **Virtualization**: VMware ESX, Hyper-V, VDI - Citrix, Horizons, Microsoft RDS; **Operating Systems**: Windows Server (NT-2023), Linux; **Directory Services**: Active Directory, LDAP; **Web Servers**: MS IIS, Apache, NGINX; **Collaboration**: Mattermost, Slack, BigBlueButton; **Source Control**: GitHub, Gitlab; **Database**: MS SQL Server, PostgreSQL, MySQL, MariaDB, Cassandra; **Automation/Scripting/Programming**: IaC, Bash, Python, AWS CLI, Terraform, Ansible, PowerShell, MS CLI Batch, Visual Basic, .NET, C, C++, Perl, Kixtart, JS; **Web Content Management**: Drupal, WordPress; **Applications**: Word, Excel, PowerPoint, Visio; **Infrastructure Hardware**: HP/IBM/Dell Servers/Storage Arrays, NetApp filers; **Help Desk Software**: ServiceNow

# Education, Certifications, and Training

* University of Texas at Austin - Computer Science, Bachelor of Science degree plan (1993-1995)
* Technical presentations for Executives
* Essentials of People Management
* ITIL v3 Foundations
* Agile Project Management Fundamentals
* Toastmaster International Competent Communicator and Competent Leadership training
* DoD Top Secret Clearance - SCI eligible (2006 - 2021)
* Baldridge Business Practice Training at K&N Management - The Love of Excellence
* Technical Recruiting and Behavioral Interviewing Training
* AWS Certified Developer - Associate

**Professional Experience**

# Leadingbit Solutions, Inc. Austin, TX (03/2021 – Present)

***Cloud Solutions Architect / CTO***

* **Strategic Technology Leadership:** Developed and executed aligned technology strategies with business objectives. Championed open-source software, enhancing products and community engagement.
* **Agile and DevOps Implementation:** Led agile and DevOps integration, boosting software delivery speed, security, and quality—innovated processes to meet market demands.
* **Collaborative Executive Partnerships:** Thought partnered with the CEO on strategic planning, providing insights and recommendations to drive growth and innovation.
* **Project and Operational Management:** Managed schedules and timelines, overseeing strategic initiatives from start to finish. We achieved alignment with strategic goals and high customer satisfaction.
* **Policy Development and Community Collaboration:** Collaborated with leadership to develop technical roadmaps and policies, improving community processes and engagement.
* **Security and Compliance Oversight:** Directed security practices and compliance in DevOps and open-source environments. Led design of a cloud-based, open-source productivity platform, boosting innovation and efficiency. Designed and maintained active vulnerability and security audits.
* **Leadership and Team Management:** Managed diverse teams, focusing on talent development and collaboration. Led staff meetings and community efforts, including presenting at the OpenUK State of Open 2023 in London on open-source platforms.
* **External Relations and Communication:** Maintained active communication with partners and supported the CEO in building external relationships. Oversaw special projects, enhancing organizational processes and community development.
* **Designed Open Source Productivity Platform Architecture**: Created the OSS platform architecture comprising of Gitlab, Mattermost, BigBlueButton, Openproject, Xwiki, Matomo, NextCloud, and OnlyOffice running in AWS and GCP. GitLab CI/CD pipelines on containerized GL runner instances with React static site generation using Gatsby on Gitlab Pages.
* **Created Platform IaC Automated Deployment Architecture:** Designed the IaC using Bash, AWS CLI, Ansible, and Cloud Formation to deploy applications in AWS in a low-cost and resilient configuration. IaC automated the creation of VPCs, security groups, policies, auto-scaling groups, and application load balancers with SSL Certificate Manager, using Docker-Compose with elastic block storage volumes.
* **Maintained Application Updates and Security Audits**: Designed and implemented CONOPS to update the production environment with minimal downtime.

# BAE Systems, Inc. Austin, TX (07/2008 – 03/2021)

***Enterprise Cloud Services Operations Director***  (*03/2012 – 03/2021)*

* Managed Cloud Services server & virtualization IT remote operations teams that ensured organizational goals were achieved or exceeded.
* Mentored, developed, and directed teams of up to 15 indirect IT resources made up of architects, engineers, and operations admins.
* Developed and implemented operational roadmaps that supported adopting new technology for the enterprise.
* Forecasted yearly budget expenditures for my teams working with short-term and long-term business goals.
* Facilitated the enterprise Citrix support partnership, saving the company over $25K annually by consolidating and upgrading 800+ Virtual Desktops and Xenapp Citrix licenses.
* Architected an enterprise solution for data access governance that secured and made our unstructured data auditable.
* Developed a relationship with one of our existing software vendors into a partnership that achieved a project savings of $217K and a recurring savings of $43K in software support annually.
* Managed multiple teams to upgrade 1500 Windows 2003 servers before support ended, securing the environment, preventing security vulnerabilities, and facilitating successful security and compliance audits.
* Designed a maintenance process for system upgrades and patching with adaptable outage windows to meet business and security compliance needs, creating minimal user disruption and saving more than $600K annually.
* Directed Data Center relocation from Herndon to Austin and consolidated infrastructure that saved $4.5M in IT operating costs.
* Spearheaded the Virtualization and MS Windows Servers’ cloud infrastructure component of an active divestiture solution that, at a moment’s notice, would effectively separate the company into 2-3 isolated entities without disrupting operations in preparation for a potential $1.2B sale
* Designed and deployed an Enterprise File Services solution that efficiently distributed low-cost file servers for storing unstructured data at remote sites, which saved more than $500K in Netapp and Commvault costs.
* Created team-building events such as "Great Place to Work" and "Diversity and Inclusion" for seven IT teams that increased employee morale and departmental participation by 70%
* Planned Cloud Services Enterprise technology roadmap facilitating resources that effectively achieved data center objectives.
* Impact Award Recipient: Regional Data Center Infrastructure upgrade implementation
* Bronze Chairman Award Recipient: Internal Live Broadcasting solution
* Difference Maker and Pathfinder Award Recipient for Shared Strategic Assessment
* Cloud operations technology led the design of our External Cloud Foundation Project, which defines how company-wide we can utilize resources hosted in AWS and Azure while meeting our DOD security and compliance needs.
* Architected DevSecOps solution for the enterprise and designed the CONOPS for implementing it into operations.

***Senior Principal Systems Engineer - Enterprise Operations Manager*** (*07/2008 – 03/2012)*

* Managed Cloud Services department’s projects and resolved mission-critical issues and outages impacting the enterprise.
* Automated processes and procedures utilizing multiple scripting languages, maintaining Windows and VMware environments.
* Managed Active Directory utilizing login scripts, OUs, GPOs, and DFS to maintain and secure the environment.
* Managed closed Top Secret classified environments and data spills with secured Windows Servers, Unix Servers, storage, network, and desktops.
* Safeguard Recognition Award Recipient: Fighting Advanced Persistent Threats for Major Cyber Security Compromise
* Virtualization Environment Upgrade Project Recognition Award Recipient: Upgrading the Unmanaged Virtualization Environment at Remote Sites
* Exceeding Service Levels Recognition Award Recipient: Awarded for Consistently Exceeding Service and Project timelines with the highest customer satisfaction.
* Data Center Consolidation Achievement Award Recipient: Completion of Data Center Consolidation of multiple sites into Regional Data Centers
* Infrastructure Printer Services Project Award Recipient: Spearheaded project and managed team members with the design and implementation of virtual Print Services for Electronic Systems

# Computer Sciences Corporation| Austin, TX (03/1998 – 07/2008)

## *Senior Principal Computer Scientist & Solutions Architect* (03/1998 – 07/2008)

* Mentored, coached and directed IT teams of six to thirteen engineers.
* Designed, implemented, and managed IT solutions for various clientele across banking, insurance, chemical energy, government, and defense industries throughout North American
* Identified technical requirements and implemented IT outsourcing onboarding that effectively translated information into software and hardware capabilities to support clientele initiatives.
* Performed due diligence and documentation to develop gap analyses and best practices to ensure new business contract proposals were accurately drafted.
* Analyzed clientele requirements and implemented MS Windows Server infrastructure solutions that ensured Service Level Agreement contract terms and conditions were accomplished within strict time demands.
* Led IT Red Teams to identify and resolve escalated issues to ensure the highest customer satisfaction rates.
* Managed compliance with a contractual agreement that eliminated financial penalties.
* Presented technical solutions to Executive Leadership that facilitated organizational initiatives.
* Directed IT teams to perform on-site MS Windows Server environment support, ensuring CSC contractual obligations were met.
* Project Management Office team leader and guided IT Red Teams with process resolutions to support CSC customers.
* Designated Team Leader and designed, installed, and migrated MS Windows Host Servers that increased system efficiencies.
* Consolidated servers and applications to support Equiva and Texaco data center migrations.
* Designed migration plans of data and application services to CSC data centers, reducing costs while refreshing hardware.
* Spearheaded Enterprise Deployments and system maintenance to support Financial Services Group software development.

# Volunteering and Community Projects

* IEEE SA Open Security lead and Technical Advisory Group member (2020-2023)
  + Work with a team of IEEE technical resources, architects, developers, project managers, and volunteers.
  + Contribute to the design and implementation of IEEE SA Open Community Platform and DevOps
  + Led the open source security community focused on securing open source software and operations.
  + Lead the design and implementation of test versions of the IEEE SA Open platform using IaC
  + Maintain CI/CD pipeline for the project deploying as a web application hosted in GitLab pages
* Member of Defense Industrial Base (DIB) Sector Coordinating Council Cyber Task Force - Supply Chain DRM Work Group (2019-2021)
* BAE Systems representative to the Society of Hispanic Professional Engineers (SHPE) (2017)
* School of Business & Technology at Huston-Tillotson University Board Member (2016)
* Austin Agile (2013)
* Technical Steering Committee Lead - Foundation for Open Source Ecosystem Technology (FOSET) (2023)