Raul Pineda

Austin, TX | 512-632-0068
Email: raul@pinedamail.com | LinkedIn: linkedin.com/in/raulpineda1 | GitHub: github.com/ryvin

PROFILE

DevOps and Infrastructure Leader with 25+ years experience, including blockchain infrastructure development and team leadership. Experience spans enterprise cloud architecture, Web3 infrastructure development, and automated deployment environments. Proven track record of implementing secure, scalable solutions across multiple technology stacks.

RELEVANT EXPERIENCE

Leadingbit Solutions, Inc. - Austin, TX

Director of IT Infrastructure and Operations / Solutions Architect (2021 - Present)

Enterprise Blockchain Infrastructure:

- Designed and implemented AWS test infrastructure for Cardano blockchain ecosystem mapping:
    - Configured node deployment and management systems
    - Integrated CIP-68 and CIP-88 specifications for blockchain data handling
    - Established automated testing and deployment pipelines
    - Implemented security frameworks for blockchain infrastructure
    - Created monitoring and alerting systems for node health

DevOps Implementation:

- Built containerized deployment architecture reducing deployment time by 65%
- Configured hybrid cloud environments with:
    - Auto-scaling node groups
    - Load balancer optimization
    - Infrastructure as Code deployment
    - Automated security compliance checks
- Established monitoring frameworks for 200+ user platform

Personal Blockchain Infrastructure Development

- Bitcoin Core Infrastructure:
    - Configured and maintained full nodes on test and mainnet
    - Implemented security hardening for node operations

- Managed network synchronization and performance
  - Ethereum Development Environment:
    - Deployed and managed Geth nodes
    - Configured test networks for development
    - Implemented monitoring and maintenance scripts
  - Lightning Network Implementation:
    - Built testing environments for wallet operations
    - Managed channel operations and routing
  - Mining Infrastructure:
    - Designed and deployed mining operation setup
    - Implemented monitoring and management systems
    - Optimized performance and reliability

BAE Systems, Inc. - Austin, TX

Enterprise Cloud Services Operations Manager (2012 - 2021)

- Led External Cloud Foundation Project implementing DOD-compliant AWS/Azure infrastructure
- Designed and deployed enterprise DevSecOps solution with automated security controls
- Directed 15-person technical team across architecture, engineering, and operations
- Managed multiple ServiceNow implementation for SLA compliance
- Optimized Citrix infrastructure supporting 800+ Virtual Desktops
- Achieved Impact Award for Data Center Infrastructure modernization

Senior Principal Systems Engineer (2008 - 2012)

- Managed Cloud Services project portfolio and critical systems
- Implemented automation for Windows and VMware environments
- Configured and managed Active Directory infrastructure
- Maintained Top Secret classified environment security (TS/SCI clearance)
- Led successful Data Center Consolidation initiative

Computer Sciences Corporation - Austin, TX

Senior Principal Computer Scientist - Solutions Architect (1998 - 2008)

- Led development and operations teams across multiple industries
- Designed scalable infrastructure solutions meeting strict SLA requirements
- Managed enterprise software deployment environments
- Executed major data center migration initiatives
- Implemented automated deployment and testing systems

TECHNICAL EXPERTISE

DevOps & Automation:

- Containerization: Docker, Kubernetes, Container Orchestration
- CI/CD: GitLab CI/CD, Automated Testing Frameworks
- Infrastructure as Code: Terraform, Ansible, CloudFormation
- Monitoring: CloudWatch, Custom Monitoring Solutions

Blockchain Infrastructure:

- Professional: Cardano node architecture and testing environments
- Personal: Bitcoin Core nodes, Ethereum (Geth), Lightning Network, Mining operations
- Security: Node hardening, Network security, Access controls

Development Environments:

- Version Control: Git, GitLab, GitHub
- Build Systems: Automated build and deployment pipelines
- Testing: Test environment automation, Integration testing
- Cloud Platforms: AWS (EC2, ALB, ASG, ECS, EKS, Route 53, Lambda), Azure, GCP

Additional Technical Skills:

- Databases: MS SQL, PostgreSQL, MySQL, MariaDB, Cassandra, DynamoDB
- Languages: Python, Bash, Visual Basic, .NET, C, C++, Perl, PowerShell
- Web Servers: MS IIS, Apache, NGINX
- Infrastructure: VMware, Hyper-V, VDI, Hardware management

CERTIFICATIONS & EDUCATION

- AWS Certified Developer – Associate
- ITIL v3 Foundations
- Technical presentations for Executives
- Studied at University of Texas at Austin - Computer Science Studies

INDUSTRY ENGAGEMENT

- IEEE SA Open Security lead and Technical Advisory Group member (2020-2023)
- Platform Engineering presenter, OpenUK State of Open 2023
- Speaker at OSCON and InnerSource Commons