Ryan Blomberg

Cloud Engineer | IT Systems | Backend Infrastructure | AI Systems

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GitHub: (https://github.com/Rblomberg26)
LinkedIn: (https://www.linkedin.com/in/ryan-blomberg/)
Portfolio: (https://emotionanalyzer.com)
Conversari App Store Listing: (https://apps.apple.com/us/app/conversari/id6755406009)

Professional Summary

Cloud-focused engineer with hands-on experience supporting enterprise IT systems, deploying cloud-hosted backend applications, and operating production infrastructure environments. Experience spans AWS cloud services, identity and access management, scalable APIs, enterprise provisioning workflows, AI-integrated systems, and cross-platform systems support across Windows and macOS environments.

Designed and deployed Conversari, a live App Store application powered by scalable backend infrastructure, AI-driven analysis systems, distributed cloud services, and large-scale conversational data processing workflows. Strong interest in cloud computing, machine learning, distributed systems, backend architecture, and AI infrastructure.

Core Focus Areas

* Cloud Infrastructure & Deployment
* AWS Systems & Networking
* Backend APIs & Distributed Systems
* AI-Integrated Cloud Architectures
* Enterprise IT Systems & Identity Management
* Containerized Services & Production Workloads
* Production Debugging & Systems Engineering

Technical Skills

Cloud & Infrastructure

AWS (EC2, S3, IAM, Fargate), Docker, Cloud Deployments, VPC Networking, System Monitoring, Environment Management, Containerized Workloads, Cloud-native Architecture

Backend & Development

Python, FastAPI, JavaScript, TypeScript, React Native, React, Expo, Node.js, REST APIs, Backend Architecture, API Orchestration

Databases & Data Systems

PostgreSQL, Supabase, SQL, Realtime Systems, Data Modeling, Large-scale Text Processing

AI / ML Systems

NLP Pipelines, AI Inference APIs, Behavioral Analysis Systems, Structured Data Extraction, AI-integrated Workflows

Enterprise & Identity Systems

Microsoft 365, Microsoft Exchange, Microsoft Entra ID, Active Directory, Ping Identity, User Provisioning, Identity & Access Management, Access Control

Tools & Platforms

Git, VS Code, Postman, Expo, Xcode, Topdesk, Windows, macOS, Linux

Professional Experience

Founder & Product Engineer

Conversari AI — Los Angeles, CA
2025 – Present

* Built and deployed a cloud-hosted AI analytics platform leveraging AWS infrastructure and scalable backend services
* Designed and operated production cloud infrastructure supporting a live App Store application
* Developed backend systems and APIs using FastAPI and Python
* Built distributed backend workflows for large-scale conversational data processing and behavioral analysis
* Integrated scalable authentication, API orchestration, realtime systems, and cloud storage services
* Managed IAM roles, authentication systems, and secure access controls
* Monitored production workloads and optimized cloud resource utilization across backend infrastructure
* Operated production systems using AWS services including Amazon EC2, Amazon S3, IAM, and Supabase cloud services
* Led onboarding and coordination of contractors and overseas team members

Technologies Used:
AWS, EC2, S3, IAM, FastAPI, Python, React Native, Expo, Supabase, PostgreSQL, Docker, TypeScript

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IT Support / Systems Administrator

Amicus MSP — Los Angeles, CA
2025 – Present

* Sole IT support administrator for a full office environment managing day-to-day infrastructure and operational systems

* Administer Microsoft Exchange and Microsoft Entra ID across organizational environments
* Manage user provisioning, permissions, account lifecycle workflows, and identity/access systems
* Configure and troubleshoot network printers, workstations, endpoints, and office hardware
* Resolve system, email, authentication, and connectivity issues across Windows and macOS environments
* Maintain system reliability, uptime, operational continuity, and security best practices

Service Desk Technician Tier 1

New American Funding — United States
Feb 2025 – Oct 2025

* Provided Tier 1 support across Windows, macOS, and enterprise production environments
* Troubleshot hardware, printers, mobile devices, networking, and telephony systems
* Resolved incidents within SLA timelines using Topdesk ticketing systems
* Supported Microsoft Outlook, Microsoft Teams, SharePoint, and enterprise productivity systems
* Assisted with workstation imaging, deployments, onboarding, and endpoint configuration workflows
* Escalated infrastructure and network issues to engineering teams while maintaining documentation and operational continuity

Service Desk Provisioning Specialist

New American Funding — Tustin, CA
Feb 2024 – Jul 2025

* Managed enterprise onboarding and offboarding workflows across business systems
* Administered users, permissions, groups, and access controls within Active Directory environments
* Supported authentication and identity systems using Ping Identity platforms
* Configured user environments, credentials, permissions, and enterprise software access
* Maintained audit documentation and operational records supporting compliance and security requirements

Jr. Account Executive

Priority Gold — Sherman Oaks, CA
Apr 2023 – Sep 2023

* Managed client pipelines and conducted outbound sales operations
* Educated clients on financial products, account structures, and service options

Sales Manager

OLN Inc — Long Beach, CA
Feb 2023 – Apr 2023

* Led outreach initiatives and managed performance metrics
* Drove client acquisition and relationship development

Education

Santa Monica College

Associate of Science — Cloud Computing Infrastructure
GPA: 3.55

* Graduated with honors
* Focused on cloud architecture, distributed systems, backend infrastructure, and AWS environments
* Strong interest in machine learning, mathematics, scalable systems, and deeper analytical approaches to AI systems

Certifications

CompTIA A+