

Kevin SECRETIST

Senior Software Developer



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Full CV available at seclist.dev/about/cv

Senior Software Engineer with 11+ years of experience architecting and implementing multi-tenant cloud applications for platforms supporting \$1B+ annual revenue. Responsible for 16+ critical applications including customer-facing federation tools enabling AWS, Azure, and GCP account access. Significant backend experience with Node.js and .NET, leveraging serverless technologies, CI/CD, and DevOps practices to deliver stable, maintainable systems. Has recently built AI inference frameworks and automated PCI compliance workflows (75% audit effort reduction). Maintains platform tools used by internal teams and thousands of customers, diagnosing and resolving production issues across diverse codebases.

TECHNICAL EXPERTISE

Languages	JavaScript, TypeScript, C#, PowerShell, Python, Bash, Go, HTML/CSS
Frameworks	Node.js, .NET, React, Redux, Jest, NUnit, Moq
Platforms	Amazon Web Services, Lambda, ECS, Step Functions, Docker, AWS Bedrock, Azure, Google Cloud Platform, Azure App Services, Azure Functions
Data Stores	DynamoDB, MongoDB, MySQL/MariaDB, Postgres, Cosmos DB, SQL Server, Elasticsearch
CI/CD & Infrastructure	GitHub Actions, Terraform, Jenkins, TeamCity, Jira, Azure CLI, AWS CLI
Monitoring	Datadog, CloudWatch, X-Ray, Kibana, New Relic, Azure App Insights, Sentry, PagerDuty
AI Development Tools	VS Code Copilot, Claude Desktop, Kiro, Model Context Protocol (MCP)
Architecture & Practices	Microservices, Event-Driven Architecture, Serverless, Cloud-Native Architecture, Infrastructure as Code, LLM Integration, AI-Powered Development

PROFESSIONAL EXPERIENCE

Current September 2023	Software Developer III, RACKSPACE TECHNOLOGY PUBLIC CLOUD PLATFORM & EXPERIENCE 🏠 Remote <ul style="list-style-type: none">Lead geographically distributed team of 12 engineers while providing architectural guidance to 30-40 engineers across multiple teams and timezones, establishing cross-team standards for microservice design, infrastructure-as-code, and security compliance across 16+ critical applications.Lead development of internal AI inference and orchestration platform, enabling engineering teams to integrate AI capabilities into products and services.Serve as operations lead, mentoring on-call engineers in incident response, root cause analysis, and production troubleshooting across tier-one applications supporting thousands of customer environments.Own and maintain Watchman monitoring platform, processing thousands of time-sensitive alerts from customer environments daily to enable rapid issue detection and remediation by Rackspace support teams across global infrastructure.Architected and deployed extensible multi-account AWS Security Hub and GuardDuty solution across all regions, creating reusable Terraform modules and comprehensive documentation that enabled rapid adoption across multiple teams, centralizing security alerting and compliance monitoring organization-wide. <p>Node.js Python AWS Lambda ECS Terraform Docker DevOps</p>
August 2023 December 2020	Software Developer III, RACKSPACE TECHNOLOGY MANAGED PUBLIC CLOUD - AWS 🏠 Remote <ul style="list-style-type: none">Supported \$1B annual revenue AWS business unit, maintaining critical infrastructure and applications serving thousands of AWS, Azure, and GCP customer accounts across multi-cloud environments.Provided technical leadership and architectural guidance for Azure and GCP platform teams, leveraging broad multi-cloud expertise to drive consistency and best practices across cloud platforms.Maintained 99.9%+ uptime for tier-one business-critical applications used daily by thousands of customers for cloud resource management and operations.Eliminated manual operational tasks through automation, saving multiple days of manual work monthly while enabling downstream teams to self-service and reducing cross-team dependencies. <p>Node.js React AWS Azure GCP Lambda ECS Terraform Docker DevOps</p>

<p>November 2020 June 2019</p>	<p>Software Developer III, RACKSPACE TECHNOLOGY RACKSPACE SOLUTION SERVICES 🏠 Remote</p> <ul style="list-style-type: none"> ➤ Led architecture, product requirements, and technical delivery for 10+ person development team, establishing SDLC practices and technical standards that enabled consistent, high-quality software releases. ➤ Contributed core development to Office 365 business generating \$4M+ monthly recurring revenue, building customer-facing provisioning and management systems used by thousands of enterprise customers. ➤ Doubled team size through interviewing, hiring, and onboarding new developers, creating comprehensive training program including domain knowledge transfer, pair programming, and technical mentorship. ➤ Architected distributed authorization model integrating Office 365 roles, Rackspace customer permissions, and custom business rules, enabling secure fine-grained client-side authorization and fast server-side validation across multi-tenant SaaS platform. <p>C# .NET Core Azure Functions v3 Durable Functions OAuth</p>
<p>May 2019 May 2015</p>	<p>Software Developer II, RACKSPACE RACKSPACE OFFICE 365 🏠 Remote</p> <ul style="list-style-type: none"> ➤ Bootstrapped new Office 365 development team by onboarding engineers from other teams, accelerating productivity through comprehensive domain knowledge training and establishing team technical foundations. ➤ Built new Office 365 Control Panel on Azure App Services using React, ASP.NET Core, and Azure Functions, abstracting infrastructure complexity to enable team focus on business logic and feature velocity. ➤ Improved search performance 50x (5+ seconds to <100ms) by designing and implementing Elasticsearch write-through cache for Microsoft APIs, dramatically enhancing user experience and system responsiveness. ➤ Created reusable security patterns for encrypting sensitive data in asynchronous workflows, reducing boilerplate code and ensuring consistent secure data transport across microservices. ➤ Architected scalable asynchronous provisioning workflows using Azure Durable Functions, processing thousands of Office 365 license provisions monthly with high resiliency and reliability. <p>C# ASP.NET Core React Elasticsearch Azure Functions v1 Durable Functions</p>
<p>April 2015 July 2013</p>	<p>Software Developer I, RACKSPACE MICROSOFT SERVICES 🏢 On-site</p> <ul style="list-style-type: none"> ➤ Developed provisioning systems for 300,000+ seat multi-tenant Microsoft Exchange environment, implementing upgrades to support new Office product suites and Exchange versions while maintaining service continuity. ➤ Designed provisioning workflows for new Microsoft products by researching product capabilities and translating business requirements into technical implementations. <p>C# PowerShell Git Ruby Chef ELK MongoDB</p>

PROJECTS

CHESTERFIELD COUNTY ACTIVE CALL MONITOR 2019 - CURRENT

github.com/kevin-secrist/cfactivecallmonitor

Serverless emergency dispatch monitoring system processing 400+ daily events with location-based SMS alerts, architected for zero-cost operation within AWS free tier. Replatformed from C#/Azure to Go/AWS in 2022 to align with team technology stack and expand Go proficiency while improving stability. Demonstrates CI/CD automation, comprehensive testing, infrastructure-as-code, and operational monitoring.

Lambda DynamoDB Twilio Go GitHub Actions Terraform

THIS DOCUMENT 2020 - CURRENT

secrist.dev/about/resume github.com/kevin-secrist/resume

Open-source LaTeX resume with automated CI/CD pipeline. Docker-based build system eliminates local LaTeX dependency management, reducing friction for infrequent updates while enabling version control and collaboration. Automated builds and releases via GitHub Actions.

LaTeX Docker GitHub Actions

EDUCATION

Spring 2013 **Bachelor of Science, Computer Science, UNIVERSITY OF VIRGINIA**

Fall 2009 **School of Engineering and Applied Science**

Overall GPA 3.63, CS GPA 3.92 | Dean's List 5 Semesters