

Austin Rose

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Summary

Software Engineer specialized in security & compliance with over a decade of professional experience across healthcare, financial services, energy, and technology sectors. Proven ability to implement and scale secure cloud solutions while coordinating complex projects with Fortune 500 clients and enterprise stakeholders.

Experience

Security Reliability & Compliance Consultant, AWS Professional Services – remote May 2021 – present

Engaging with AWS' largest business customers to build solutions, apply security best practices, and meet compliance requirements.

- Working closely with the security teams of more than a dozen Fortune 500 companies across Banking & Financial Services, Healthcare & Life Sciences, Telecommunications, and Marketing sectors.
- Led HIPAA compliance strategy for healthcare customers, designing consolidated platform using native AWS services.
- Advise global financial services customers on secure cloud workload deployment and guide customers through security and compliance implications of deploying generative AI technologies.

Senior Development Engineer, WatchGuard Technologies – Wakefield, MA, USA Jan 2018 – Apr 2021

Led engineering team for DNSWatch, a cloud-based DNS security solution serving 10,000+ customers and resolving over 1 billion daily queries. Responsible for secure DNS infrastructure, customer security analytics, and service expansion across global regions.

Software Engineer, Strongarm – Wakefield, MA, USA May 2015 – Jan 2018

Contributed to all components of cybersecurity service through acquisition by WatchGuard. Engaged directly with customers for deployment, conducted candidate interviews for team growth, and maintained 24/7 on-call production support.

Intern, The MITRE Corporation – Bedford, MA, USA June 2012 – Aug 2013

Certifications

AWS Certified AI Practitioner

AWS Certified Security - Specialty

AWS Certified Solutions Architect - Associate

Private Pilots License

Education

Worcester Polytechnic Institute, MS in Computer Science – Worcester, MA, USA Jan 2013 – Jan 2017

Worcester Polytechnic Institute, BS in Computer Science – Worcester, MA, USA Jan 2013 – Jan 2017

Skills

Regulatory Compliance: HIPAA, PCI DSS, SOC 2, FedRAMP, NIST 800-53, FISMA

Agentic & Generative AI: Strands, AgentCore, AWS Bedrock, AWS Sagemaker, Context Engineering, Prompt Engineering, LangChain, Kiro, Claude Code

Languages, Tools, Frameworks: Python, Javascript / Typescript, Bash Ansible, Puppet, Chef, SaltStack, NodeJS, Postgres, RabbitMQ, Docker, Github, Git, Terraform

Security: Open Policy Agent (OPA), OPA Gatekeeper, Rego, Threat Modeling, TLS Certificates, Mutual TLS, Landing Zone, Zero Trust, DNS

Amazon Web Services: IAM, Organizations, Control Tower, Landing Zone Accelerator, Security Hub, GuardDuty, KMS, Secrets Manager, CloudFormation, CloudTrail, Config, Systems Manager, VPC, Transit Gateway, Network Firewall, EKS, ECS, Lambda, S3, RDS, DynamoDB, Aurora, Bedrock, SageMaker, Athena, Glue, DataZone, CloudWatch, EventBridge