**RONNIE BAILEY**

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Principal Identity Security expert with over a decade of experience in the cybersecurity industry. Specialized in IAM and Cloud Security. Known for effectively managing security solutions, leading to significant improvements in system security.

**PROFESSIONAL EXPERIENCE**

**THREAT DETECTION / SECURITY AUTOMATION ENGINEER** 03/2024 - PRESENT

*Legal Technology Organization/Federal Government*

*-Public Trust Clearance*

* Implements and manages IAM solutions using Entra ID, Active Directory, Entra ID, and RSA to establish robust identity and access management protocols.
* Deploys Crowdstrike Falcon for advanced threat detection and response, and incorporates SSO and MFA across the enterprise for enhanced security.
* Architects and integrates Zero Trust principles into the existing security infrastructure, focusing on least privilege and role-based access controls.
* Leads the migration from legacy IAM products to modern solutions such as the Microsoft Identity Platform and Okta, ensuring a seamless transition.
* Creates and maintains automation scripts using Bash, PowerShell, and Python, resulting in improved process efficiency and reliability.
* Engineers end-to-end IAM process flows and implements secure, role-based access management.
* Administers and troubleshoots Windows and Linux/Unix servers, ensuring optimal performance and stability.
* Manages PKI and Certificate Authorities, including Microsoft Windows Certificate Services, to secure communications and authentication.
* Implements NIST and ISO security standards in all IAM solutions, ensuring compliance and enhanced security posture.
* Mentors junior engineers, leads security initiatives, and manages projects to ensure successful and timely delivery.
* Produces clear technical documentation and effectively communicates complex technical information to diverse audiences.

**PRINCIPAL SECURITY ARCHITECT, CYBERSECURITY** 12/2022 - 02/2024

*Kroger, Technology & Digital Department*

* Enhanced organizational security posture and compliance by leveraging Microsoft Azure AD/Entra ID for cloud services, OneIdentity Safeguard and TPAM for IAM, ensuring scalable and secure cloud infrastructure.
* Reduced system vulnerabilities and improved threat detection and response through the integration of CrowdStrike, focusing on advanced endpoint security.
* Drove the adoption of SailPoint, resulting in a 45% improvement in audit performance and a 35% reduction in unauthorized access through refined identity governance and automated provisioning processes.
* Streamlined user access control and enterprise management with Active Directory and LDAP, facilitating secure and efficient authentication processes.
* Integrated Okta to provide seamless identity and access management across cloud and on-premise applications, reinforcing the security framework.
* Protected sensitive information, ensuring regulatory compliance, by employing Varonis for threat detection and vulnerability management for data analytics.
* Supported secure collaboration and information sharing using Confluence, SharePoint, and Microsoft 365, incorporating security measures into business operations for devops and system automation.
* Managed and secured privileged passwords with One Identity's Privileged Password Management PPM, addressing access-related vulnerabilities.
* Oversaw security projects and initiatives, utilizing Jira with DevOps & security automation for effective tracking and execution, ensuring timely completion of security priorities.
* Orchestrated rollout of CrowdStrike Falcon to 10,000 endpoints for automated threat detection and response.

**CUSTOMER IDENTITY & ACCESS MANAGEMENT** 02/2022 - 12/2022

*Department of Homeland Security, OCIO, United States Secret Service,*

*-Public Trust Clearance*

* Streamlined CyberArk's Privileged Access Management system boosting audit compliance by 50% and cutting response times by 40% through implementing advanced security protocols and integrating automated threat detection features.
* Orchestrated cloud migration using GCP, ensuring secure and efficient transfer of critical systems from on-prem to cloud environments.
* Utilized Agile, SCRUM, and scripting languages including PowerShell, Python, and Java for system resilience and efficiency in accordance with the FISMA framework to meet compliance and security frameworks.
* Designed and implemented identity solutions using Active Directory, OAuth, and SAML emphasizing cloud security.
* Leveraged Fortinet in the transition to a zero-trust network architecture, significantly minimizing potential attack vectors enhancing security posture.
* Orchestrated the organization’s successful FedRAMP authorization process, enabling secure and compliant cloud service offerings to federal agencies.
* Designed and implemented an information security management system (ISMS) that achieved ISO 27001 certification, significantly improving the organization's security posture and client confidence for the customer.
* Developed and enforced access policies using Saviynt's policy engine, leading to a 50% reduction in unauthorized access incidents.
* Utilized capabilities in Python and Powershell scripting for automation of security tasks, analysis, and tool development for GCP to create security solutions.
* Managed enterprise network security program, promoting IAM governance and utilizing scripting knowledge for IT infrastructure and operations management.
* Monitored server and firewall logs, analyzed network traffic, and conducted regular vulnerability scans using tools like Qualys for threat detection and vulnerability management to maintain robust security for the customer.
* Implemented robust incident response protocols using Fortinet solutions with GCP, reducing detection and response times for cybersecurity incidents.

**CLOUD VULNERABILITY ANALYST** 07/2021 - 12/2021

*Accessia Health*

* Managed vulnerability assessments, remediation strategies, and ensured HIPAA and NIST compliance.
* Engineered comprehensive training modules on EHR tools and health information management practices, enhancing workflow efficiency and compliance across clinical and administrative staff.
* Developed training programs on the use of DICOM standards for imaging data, HL7 for electronic health information exchange, and IHE protocols to ensure interoperable use of healthcare information.
* Implemented and managed
* Microsoft Defender for Identity across a 10,000-user enterprise, enhancing security posture by detecting and responding to advanced threats and insider actions.
* Designed and deployed multi-factor authentication using Microsoft
* Defender, reducing unauthorized access incidents by 75% within the first year of implementation.
* nd reduced password support tickets, enhancing security and customer experience.
* Directed the organization-wide SSL/TLS certificate management program, ensuring encryption standards compliance and preventing downtime due to expired certificates.3
* Directed the collection, analysis, and reporting of healthcare metrics, utilizing data from EHR and PACS systems to drive improvements in patient health outcomes and service delivery.
* Implemented Auth0 for secure, scalable user authentication, leading to a 99% success rate in logins and halving the development time for new auth features by leveraging customizable workflows and SDKs aligning with HIPPA requirements.
* Coordinated with IT, audit, and compliance teams to ensure CyberArk practices aligned with regulatory requirements, significantly contributing to successful audits under standards such as SOX, GDPR, and HIPAA.

**PRIVILEGED ACCESS MANAGEMENT ARCHITECT** 10/2019 - 07/2021

*Indivior Pharmaceuticals*

* Integrated SSO and MFA using Microsoft Azure Active Directory/Entra ID enhancing user verification processes and access management.
* Ensured ePHI data protection and encryption through backups and Bitlocker.
* Designed IAM solutions using Microsoft Intune for efficient mobile device management, ensuring secure and remote access.
* Developed a centralized incident response management system on GitHub.
* Managed user account profiles in Active Directory and Linux Server for access control and security management.
* Orchestrated the selection, implementation, and optimization of healthcare technology systems, including advanced Electronic Health Records (EHR) platforms like Epic, to bolster patient care and clinical operations.
* Spearheaded the migration of identity governance to the cloud with SailPoint IdentityNow, facilitating secure and scalable access management for a distributed workforce.
* Collaborated with IT and security teams to define and map out roles based on job functions, ensuring minimum necessary access rights for over 500 users across various departments.
* Designed a secure GCP architecture using Google IAM and Security Command Center for cloud resource protection.
* Maintained optimized scripts, documented processes, trained staff, significantly improving operational resilience and team autonomy with scripting automation.
* Led the deployment of BeyondTrust to secure privileged accounts, reducing unauthorized access by 75% and enhancing compliance by 80% through strategic account management and audit controls.
* Maintained Carbon Black as comprehensive endpoint security from threat hunting to incident response.
* Designed and executed automated provisioning and deprovisioning processes in SailPoint, reducing manual workload by 70% and improving onboarding/offboarding efficiency.
* Designed role-based, location-based, & device compliance access controls for Entra ID.

**IDENTITY AND ACCESS MANAGEMENT ANALYST** 04/2019 - 10/2019

*Wells Fargo*

* Ensured IAM practices were compliant with the bank's operational risk framework and industry best practices, including policies, procedures, and control methodologies.
* Led cybersecurity projects using Agile and Waterfall methodologies, improving team efficiency and adaptability to rapidly changing security threats.
* Maintained user accounts, profiles, network, system security, and access privileges through IAM tools such as Active Directory, Office 365, and SCCM.
* Supported IAM solutions and maintenance, focused on access control systems.
* Oversaw the migration of critical workloads to a vSphere-based virtualized infrastructure, resulting in improved resource utilization and a 20% reduction in data center costs.
* Utilized Microsoft Defender’s automated investigation and remediation features to streamline security operations, achieving a 30% reduction in manual security tasks through automation.
* Developed and implemented advanced Splunk dashboards for comprehensive visibility into network traffic, system logs, and user activities, enhancing the security team's analytical capabilities, aiding in proactive threat hunting efforts.
* Utilized COBOL for system updates, bug fixes, and implementing new features to improve efficiency and reliability.
* Participated in cross-departmental projects to extend the functionality of COBOL applications, enabling new banking services and improving customer experience.
* Conducted on/off-boarding and trained 400 employees on security processes, reducing phishing attacks by presenting security awareness and training.

**CUSTOMER IDENTITY & ACCESS MANAGEMENT ENGINEER** 10/2015 - 01/2019

*Wellsecured IT*

* Orchestrated the migration of legacy IAM systems to ForgeRock IDM, improving identity lifecycle management and reducing operational costs.
* Integrated Splunk with IAM solutions to automate the collection and analysis of access logs, streamlining audit processes and significantly improving the efficiency of compliance reporting.
* Provided complex technical guidance, oversight, and enforcement of security directives, policies, standards, plans, and procedures as defined by ISO/IEC 27001 framework.
* Ensured alignment with NIST and ISO 27001 standards by leveraging Microsoft Defender’s security controls to protect sensitive data and maintain high compliance levels.
* Conducted comprehensive security audits using Ping Identity tools to identify and remediate potential vulnerabilities in the IAM infrastructure.
* Optimized application delivery and performance using Citrix, achieving a 99.9% uptime for critical applications and enhancing user satisfaction.
* Installed virtual machines (VMWare, VirtualBox, & Hyper-V) to utilize applications in a test environment of IT Infrastructure and operations management.
* Designed and deployed a suite of PowerShell scripts for automating security tasks, including log analysis, system hardening, and incident detection.
* Integrated a secure, scalable AWS cloud infrastructure with enhanced identity/access management and encryption, boosting efficiency and security.
* Integrated Auth0 for scalable user authentication, enhancing authentication success to 99% and cutting development time by 50% by adopting secure and efficient authentication workflows.

**CLOUD SECURITY OPERATIONS** 06/2011 - 12/2015

*Cloudcentria Security*

* Developed and maintained policies, procedures, and documentation to align with regulatory standards, leading to successful audits and certifications.
* Conducted penetration testing and vulnerability assessments using Kali Linux, identifying critical security weaknesses and recommending mitigation strategies to enhance system resilience.
* Led the integration of Ping Identity with enterprise applications, ensuring secure and efficient user access control to reduce administrative overhead.
* Maintained high-level customer satisfaction by delivering professional and timely support, and documenting processes and service desk records meticulously.
* Created industry leading practices of IAM/Access Control/Change Management through Active Directory and Azure AD/Entra ID PaaS.
* Spearheaded mitigation of sophisticated DDoS attacks, improving organizational threat resilience.
* Directed an enterprise-wide vulnerability management program using Nessus, covering 15,000 assets.
* Conducted a digital forensics investigation of a suspected insider threat, using The Sleuth Kit for disk image analysis and evidence recovery.
* Identified the malicious insider, leading to legal action and the recovery of stolen intellectual property.
* Developed best practices for forensic investigations, significantly improving incident response capabilities.

**EDUCATION**

* **Bachelor’s of Science in Cybersecurity,** 08/2024

University of Richmond

**Relevant Coursework:** Network Security, Cryptography, Ethical Hacking

* **Associate** **of Applied Science in Information Systems**, 05/2021

Reynolds College

**Relevant Coursework:** Database Management, Web Development, Programming Fundamentals

**CERTIFICATIONS**

* **AZ-900**, Microsoft Azure Fundamentals 12/2024
* **Cybersecurity Essentials**, Cisco 10/2021
* **IBM Cloud Essentials,** IBM 10/2021
* **Network Administration**, Reynolds College 07/2020

**AWARDS AND HONORS**

* **Phi Theta Kappa Honor Society**, International Honor Society 04/2018
* **Dean’s List**, Reynolds College 06/2018