**Summary**

* Over 17 years of experience in SAP Security & Basis Administration specializing in SAP Security Design & Development, Configuration, Architect - Systems Infrastructure & Security Architect, SAP Auditing and SOX compliance and SAP Systems Security vulnerability.
* Experience in planning, project management, system integration management, and customer service relationship methodologies.
* Key skills reside in the understanding of business systems and processes and the integration of technology into these arenas to provide more efficient business operations.
* Hands-on experience in development & implementation and maintenance of SAP systems security and controls across SAP new dimensional products.
* Exhibits thorough experience and knowledge as a subject matter expertise within a SAP professional services including interfacing with clients on control & architect solutions and leading the planning and execution of projects.
* **17 years of SAP Project experience in security configuration and development.**
* 7 years Pharmaceutical, 7 years Federal Sectors and 3 years with other sectors.
* Designed and developed security solutions for systems like ECC modules (FI/CO, FM, HR, CS, PS, PY, MM, PP, PM, WM, QM, SD, DFPS, EHS), CUA, BI/BW, BOBJ, XI/PI, MDS/DOE, SRM, CRM, SM, Portal and Java / J2ee.
* Design and develop security strategies, standards, guidelines, procedures, training documents for SAP Systems.
* Six full-lifecycle SAP Technology and Security solution implementations.
* Four SAP Security & Technical Upgrade experience in coordinating and executing security related tasks.
* Lead, developed and deployed security for two full cycle HCM (HR) authorization module implementation.
* Experience in design, configuration and implementation in HR position based & Hierarchy security authorization in SAP- ECC (DFPS) and BI systems.
* Designed and developed BI/BW Analysis Authorization integrating with HR Security.
* **Include 7 years of experience with SAP Audit, POA&M, Risk and Compliance (GRC).**
* 4 years of configuration and maintenance experience with Bizrights – Approva SOX compliance tool.
* 3 years of Experience with configuring and implementing functional requirements for SAP GRC AC 10.0 / 10.1 – EAM, ARA, ARM/PMU, MSMP workflow & BRFP plus Flat rule.
* Experience in designing and developing security roles for SAP GRC AC 10.x components.
* Experience in SAP system audit requirements and controls, configuring system for audit readiness and liaison with internal and external auditors, User Access Review (UAR), Firefighter log review, SOD conflict review and Risk Assessment.
* Expertise in security vulnerability Management, analyse SAP systems and application security vulnerabilities and penetration tests. Protect SAP systems from hacking and all other malicious activities.
* Deliver Risk Assurance, recommend services specific to the SAP and SAP GRC platform related to controls around the Finance, HCM and Logistic operations.
* **Include 8 years of SAP Architect / SME & Technical Lead experience.**
* Managing Security Team resources (maximum 8) and coordinating security tasks.
* Project management experience and analyse / control team budget using EVM / cost and benefit.
* Work with other team leads, Change Management, Configuration and Release Management to ensure the timely project deliverables.
* Architect, design and develop systems landscape and application security solutions with SAP new dimensional products like BI 7.x, EP 7.x, SRM 5.0/EBP 4.0, ECC 6.0 / DFPS, GRC 10.x, SM 4.0, XI/PI 7.x and Java / J2ee / NWDI and CE 7.x system, MDS 1.6 (DOE) / Mobile 7.x, Approva – Bizrights.
* Experience with configuring Federated Portal Network, KM (Knowledge Management), SSO (ADS/ADFS, X.509, SAP logon and assertion tickets, SNC), UME LDAP / ABAP, local and central SLD, ADS (Adobe Document Service). CUA, LDAP and UME security integration and implementation experience.
* Disaster Recovery planning and implementation experience with SAP systems and Database
* **Knowledge and Experience with other tools and process**.
* Implementation and working experience with Golden Solution from Hayes Technology, ONAPSIS X1 and ONAPSIS Bizploit, US FDA electronics record /signatures (21 CFR Part 11), GMP / GxP Process, FISCAM, SDLC, ASAP & AGILE development methodology, experience in offshore model.
* Monitor security performance, configuration of security monitoring tools like setting up Early Watch reports for Security.
* Experience with developing LSMW / CATT scripts like loading of HR and Security data.
* Knowledge on SAP Global Template, CHARM, SAP IDM, Arcsight, SAP XLSO/LMS, Next Lab, JBOSS, SAP HANA, SAP FIORI, BOBJ, BODS, SAP TDMS, HQPC, GitHub – Liferay, etc.

**Professional Experience**

**Hanes Brands, Winston-Salem, NC 12/2016 to Present**

**SAP Security & GRC Technical Lead Consultant**

* Evaluate and analyse the existing SAP and non-SAP security landscape and provide recommendations to the area of vulnerabilities, audit non-compliance and application security operation improvements.
* Provide the benefits and details of efforts required for upgrading existing GRC AC 10.0 to AC 10.1.
* Prepare project plan for GRC upgrade and the implementation of EAM & ARM solutions.
* Prepare the details of implementation plan for User Access Review (UAR).
* Lead, configure, prototype and demo the EAM, ARM and UAR solutions.
* Lead, configure and deploy the EAM, ARM, UAR solutions in production.
* Design and develop security roles for EAM, ARM and ARA.
* Design and customize the NWBC launch pad screens for users.

**US Army - GFEBS, Alexandria, VA 10/2016 to 12/2016**

**Accenture - SAP Security & GRC Consultant**

* Design and configure GRC AC 10.1 solutions BRM based on client requirements for ARA, ARM, EAM and BRM modules.
* Develop GRC AC 10.1 implementation plan for Development, QA and Production systems environments.
* Configuration and development of MSMP workflow and BRFplus to meet the client comprehensive requirements.
* Work with development team to define customized development solutions to meet the client requirements.
* Prototype and demonstrate security solutions to project team and clients.
* Prepare data and test scenarios for unit test and integration test.
* Configure and integrate Enterprise Portal and GRC system for provisioning and SSO.
* Design and Develop Security Roles for ARA, ARM and EAM modules.

**US Navy - Mechanicsburg, PA 07/2016 to 10/2016**

**Accenture- SAP Security & GRC Architect / Consultant.**

* Support the leaderships efforts to define overall SAP security model for the existing and future application implementations.
* Recommend security redesign solutions to the comprehensive security requirements for ECC, BI/BW, SCM, SRM, GRC, CUA and Portal systems.
* Recommend and support SAP GRC solutions to provide customer specific security compliances in user provisioning (ARM), risks assessments for SOD / critical access / permissions (ARA) and emergency access management (EAM).

**US Army - GFEBS-SA, Alexandria, VA 2014 to 2016**

**EDC - SAP Security & GRC Lead Consultant**

* **Architect, Solution Design, Configuration and Development.**
* Architect security solution for SAP NetWeaver landscape by integrating Enterprise Portal and SAP and other non-SAP backend systems.
* Design solutions for comprehensive security requirement for ECC and BI/BW systems.
* Configured, Developed and Prototyped the critical security design for ECC (FI/CO, FM, Supply Chain, Resource Management and HR) and BI.
* Provided presentations and demonstrations of solutions to project team and client.
* Configured and Prototyped GRC AC 10.1 system for ARA and User Provisioning (ARM) with MSMP Workflow & BRF plus Flat rules.
* Oversee configuration design model of SAP applications and interfaces, review and approve functional and technical design.
* Mapping of RTM to security designs and functional designs.
* **Lead/SME Support – Business Blueprint phase**
* Follow business blueprint requirements and provide the best practice SAP security solutions in functional designs.
* Provide subject matter expertise, architect and recommend solutions to enhance overall SAP application security capabilities and avoid vulnerabilities in the system in the form of briefings and workshops.
* Provide SAP GRC solutions to provide customer specific security compliances in user provisioning, risks managements and emergency access management.
* Provide SAP Security leadership and advisory support to IPT & PMO team. Manage and mentor SAP security and internal audit team members.
* Manage security team resources and budget using Project Management tool and EVM / Cost & Benefit analysis.
* Review and assess new products and solutions (SAP Global Template, Next Lab, etc.)

**US Army - GCSS, Richmond, VA, USA 2008 to 2014**

**IBM - Technology Lead Consultant - SAP NW Security SME / Architect.**

* **Architect, Design and configure SAP system Landscape Security**
* Work with System Engineering team to design system security architecture to optimize systems and application functionalities
* Build and configure CUA landscape by integrating ABAP and Java systems to simplify user provisioning across landscape.
* Configure and maintain SSO across SAP system landscape by integrating UME/LDAP, Enterprise Portal, Proxy Server, Site minder and Smart Cards – X.509 / digital certificate.
* Designed and configured SSO configurations using SNC and SSO2.
* Prototyped the integration of SAP NetWeaver Identity Management, ADFS, CUA, GRC, ABAP and Java Systems.
* **Architect, Design, Configuration and Development - Application Security**
* The initiator and the key player for designing and developing decentralized User Provisioning tool that integrated with DFPS / FE (Force Element HR Structural authorization) functionalities using HCM module.
* Worked with SAP Germany development team to reengineer DFPS security solution to meet the security requirements for US Army.
* Worked with functional SMEs and business stakeholders to design and develop security roles for the entire logistic and financial operations of US Army for ECC – DFPS (FI/CO, FM, SD, WM, PM and HR), Portal, CE, BI/BW, BOBJ and MDS-DOE (Mobile Defense & Security - Data Orchestration Engine) applications.
* Configured and implemented BI/BW hybrid security solution by integrating HR master data and organizational hierarchy / structure and PSCD BI Content.
* Architected, Configured and redesigned Portal and CE development and security objects.
* Developed and configured security solutions for several work streams from the prototype to go-live
* Lead, developed and implement Security role re-engineering project for US Army Logistic and Finance functionalities.
* Functional understanding and knowledge of STAMIS legacy system which includes providing support for the migration of Supply, Maintenance, Property Book, Unit Supply and Material Management functionalities.
* **Production & SME Support:**
* Provide sustainment security support for all security related issues in production systems.
* Provide technical supports and execute cutover activities for production releases and deployments.
* Train and educate help desk team for production security support activities.
* Work with tech infrastructure team to understand upcoming build and maintenance activities to ensure those are timed appropriately around Security release development and testing plans.
* Determine/understand landscape requirements needed to support the overall release development and testing environments, including specific project requirements.
* Lead efforts to define overall SAP security model for the existing and future application implementations.
* Mentor, train and transition knowledge to the existing and new incoming security team members.
* Documented processes and procedures for all the Security team tasks.
* Prototyped SAP IDM solution and integration of ECC, BI. EP, LDAP / AD.
* **GRC and Audit Readiness Lead:**
* Define role building strategies to meet SOX, FISCAM, AAA, OMB and DOD (Department of Defense) compliance within the organization and to meet the industry best practice.
* Design and configure SAP GRC AC 10 Centralized and Decentralized Emergency Access Management (Fighter ID) solutions.
* Design and configure SAP GRC AC 10 ARA (Access Risk Analysis) component, Implement Mitigation Control and MSMP Workflow.
* Configure all the SAP systems in compliance with internal and external audit requirements. Work closely with auditors and stakeholders in managing POA&M, risk remediation and implement mitigation controls.
* Provide guidance to business stake holders and risk governance members for building business rules framework and the integration of SAP Security process.
* Being a member of audit readiness team, provide extensive security support to assist team in addressing requirements for segregation of duties with all Net Weaver components.
* Monitor application and system security audit logs, oversee SAP system security threats and assist Information assurance team in threat assessment and penetration tests. Implement solutions to protect systems from hacking and other malicious activities.
* **Support System Upgrade/ Enhancements & Change management:**
* Coordinated, managed and executed all SAP Security tasks related to SAP upgrade from ECC EHP1 to EHP6
* Provides continuous support for support pack upgrade and OSS note implementation.
* Provided expert support to CM by reviewing and analyzing all change requests.
* **Team Lead:**
* Temporarily shouldered Team Manager responsibilities in addition to regular and technical lead responsibilities.
* Address and update the team priorities and tasks to security team, Delegate and distribute the tasks to team members, Mentor and train other team members, etc.
* Managed cross team meeting with client and information assurance team.
* Report team status and work progress to Project Management team.

**Geller & Company, New York, NY, USA 2008 to 2008**

**SAP – Security Technical Lead Consultant**

* Lead and Implement BI Security Analysis Authorization.
* Develop BI/BW Analysis Security based on GL master data & Hierarchy, Navigational attribute, Company code, Cost Center and Profit Center.
* Analyze and re-design current Security Authorization in ECC 5.0 to comply SOX - SOD. Redesign current Security Authorization in ECC and BI to comply with new Organizational Changes.
* Create new security roles and modify security roles as per business requirements. Develop SAP security documentation and audit reports as required.
* Develop project plans and responsible to meet project deliverables.
* Work with Basis team to provide support for HA / DR configuration using MS Cluster, Production Support, monitoring all systems and landscape, System Refresh, Client copy, Transports, Hardware, Application and DB upgrade from 32 bit to 64-bit version.

**Medimmune INC, (AstraZeneca), Gaithersburg, MD, USA 2001 to 2008**

**Sr. SAP Basis / Security Administrator**

* Coordinate and execute all SAP Basis and security tasks with other three team members.
* Architect, Design and Develop Security roles for ECC, BI, PI, SM, SRM, CRM and Enterprise portal systems based on the requirements in blueprint.
* Identify and evaluate SAP security internal controls and recommend security policies and procedures which mitigate risks, and related opportunities for Internal Control Improvement.
* Lead and Implement Approva – Bizrights software components for the SOD risk analysis, remediation and mitigation.
* Prepared SOD control matrix to map the SOD business process conflicts and business functions.
* Prepare the Security and Control Strategy Document and systems administration and database administration manuals. Maintains SAP authorization process and procedures and related documents in compliance with GMP / GxP Process.
* Lead information security related enhancements and projects as needed.
* Liaison with internal and external auditors for SAP System auditing.
* Maintain security roles and authorization for enhancements, fixes security issues. Troubleshoot and fix authorization errors in SAP ABAP and Java security.
* Monitor security of SAP systems and maintain records. Monitor access compliance risks and report violations and provide remediation or mitigation controls to Information Assurance team. Communicates and collaborates with internal and external business partners and stakeholders.
* Operations, maintenance and production support for SAP Security, authorization, profiles and roles for BW/BI, FI, MM, PP, SD, HR, EP, PI, SM, etc.
* Engage SOX control activities like monitoring audit logs, review User Security change requests, and document all evidences subject to auditing and testing.
* Manage change management process and system security procedures and policies.
* Lead and executed the technical (Basis & Security) upgrade from R/3 4.6c to ECC 5.0.
* Manage and coordinate Basis team functions, Perform System Administration, monitoring and performance tuning.
* Provided guidance and assistance to Analysts handling day-to-day support.
* Support functional & business team for their day to day business process and functions.
* On call development and production support to all SAP systems.
* Daily monitoring to ensure the stability and good performance of all systems.

**Centocor (Johnson & Johnson), PA, USA 2000 to 2001**

**Consultant – SAP Security & Basis**

* Operations, maintenance and production support, Disaster recovery planning, implementation and exercise.
* Application enhancement implementation & support functional & development team.
* Lead Security team, Design and implement Security roles and User Management.
* Maintain security roles and authorization for enhancements, fixes security issues
* Prepare Security, Control Strategy Document, systems and database administration manuals.
* Manage and coordinate Basis team functions.
* System Administration, monitoring, performance tuning, transports.
* Provided guidance and assistance to Analysts handling day-to-day support.
* Design & configure system landscape, HA using hardware clustering.
* Supporting and interacting with functional teams.
* On call support to all systems and daily monitoring to ensure the stability and performance of all systems.

**World Bank, Washington DC, USA 1999 to 2000**

**Consultant – SAP BASIS & Security Administration**

* SAP R/3 & BW installation &configurations.
* R/3 & BW Systems Monitoring, maintenance and performance tuning.
* Provide technical supports to functional and development team.
* Security Administration & maintenance
* Diagnose security issues using standard SAP tools and trace functions.
* Train SAP help desk and assist end-user issues

**N. M Compusys, India 1998 to 1999**

**SAP Basis & Security**

* Achieved training on SAP ABAP, Basis Administration, Security Administration and Sales and Distribution (SD) module, ASAP implementation methodology and Best Practice.
* Participated in two project prototypes for the SAP implementation.
* Trained the new students on SAP ABAP, Basis Administration and Security Administration.

**Education:**

Bachelor Degree – Specialization in Accounting and Business.

Post Graduate Diploma in Computer Application – Specialization in Computer Science.

Master in Software Engineering.

**Professional Certifications:**

* SAP Certified Technology Professional - Security with SAP NetWeaver
* Security+ certification.
* IBM Certified Consultant – Expert in Consulting Capability.
* IBM Certified Consultant – Expert Level Demonstrating Leadership in IBM Competencies

**Training:**

* Project Management.
* SAP ADM940, ADM950, ADM960, GRC300 and HANA 240.
* Business Warehouse BW365
* SAP - Web AS (ABAP) and Java Administration (ADM200)
* SAP Enterprise Portal Administration (EP200)
* SAP NetWeaver IDM 7.2 (ADM920)
* SAP systems Vulnerability training from BLACK HAT.

**Nationality:** US Citizen.

**Others:** Active Secret Clearance from DOD & Interim Top Secret Clearance.