PRUDHVI KEERTIPATI

PAM Architect | Non-Human Identity and Agentic AI Security

United States | keertipatip@gmail.com | LinkedIn | GitHub

I design privileged-access platforms that secure people, workloads, and autonomous agents at enterprise scale.

PROFESSIONAL PROFILE

I'm Prudhvi, a PAM architect with 15 years of experience designing, implementing, and operating enterprise security platforms. My core work protects privileged access across infrastructure, directories, databases, applications, and administrative workflows.

I specialize in BeyondTrust, CyberArk, and Delinea, supported by Microsoft Entra ID, Active Directory, SailPoint, SSO, SCIM, APIs, and custom integrations. I connect architecture decisions to practical onboarding, credential rotation, session controls, recovery, documentation, and production operations.

My current focus extends proven PAM controls to non-human identities and Agentic AI. I'm interested in how organizations can give workloads and AI agents the access they need while preserving least privilege, short-lived credentials, policy enforcement, monitoring, and clear accountability.

CORE EXPERTISE

PAM	BeyondTrust, CyberArk, Delinea
Identity	Microsoft Entra ID, Active Directory, SailPoint, Okta, SSO and SCIM
NHI	Non-Human Identities, Service Accounts, API Credentials, Secrets Lifecycle, Agent Identities, Least Privilege
Cloud	Microsoft Azure, Microsoft 365 Security, SaaS PAM
Development	.NET Core, PowerShell, Python, SQL and PL/SQL, REST APIs and SDKs
Platforms and Automation	Linux and Unix, Windows Server, SCCM, VMware, RDS and PSM, AutoIT and Automation

PROFESSIONAL EXPERIENCE

Senior Specialist Mar 2022 - Present

Deloitte | Full-time

- Lead architecture and delivery across confidential PAM programs using BeyondTrust, CyberArk, and Delinea, supported by Entra ID, SailPoint, Active Directory, SSO, and SCIM integrations.
- Secure human and non-human privileged identities across directories, operating systems, databases, applications, and API-connected platforms.
- Onboarded approximately 200 privileged user accounts, 50 Windows and Linux servers, and 10 applications in a major enterprise rollout.
- Extended authentication, MFA, and privilege policies to more than 100 Unix systems through centralized server PAM.
- Secured nearly 45 applications for privileged account and session management, including custom ODBC- and API-based platform integrations.
- Build custom plugins, APIs, application launchers, access policies, onboarding patterns, and resilient platform designs.
- Own architecture, build, test, administration, user, and production-transition documentation.

Senior Systems and Security Analyst

Aug 2018 - Mar 2022

Karwell Technologies | Full-time

- Designed and operated a highly available CyberArk platform with disaster recovery, onboarding, session management, reporting, and break-glass processes.
- Onboarded more than 500 privileged accounts and managed nearly 200 PSM-connected systems.

Systems Engineer

Feb 2016 - Nov 2016

Geo Logic Systems

Managed SCCM, Active Directory, VMware, deployment automation, application packaging, patching, and technical testing.

Systems Analyst

Sep 2011 - Dec 2015

Tata Consultancy Services

Designed Windows, SCCM, and security solutions and built enterprise automation with C# .NET, SQL, PL/SQL, and PowerShell.

SELECTED SECURITY FOCUS

Enterprise PAM architecture

Privileged account and session management across Windows, Unix, directories, databases, AS400, applications, and administrative workflows.

BeyondTrust, CyberArk, Delinea, Session management

Non-human identity security

Discovery and control of service accounts, application identities, database credentials, and API-connected platforms using policy-based onboarding and automated credential management.

NHI, Service accounts, Secrets, Custom plugins

Agentic AI security architecture

An emerging focus on securing AI agents as privileged non-human actors through identity, scoped credentials, delegated authority, tool authorization, monitoring, and auditability.

Agent identity, Least privilege, Tool access, Audit

CURRENTLY EXPLORING

AI-agent identity lifecycle | Agent authorization and tool access | Ephemeral credentials | NHI discovery and ownership | Machine identity governance

CERTIFICATIONS

Password Safe	BeyondTrust | BCIE
Privilege Management for Windows	BeyondTrust | BCIE
Privileged Remote Access	BeyondTrust | BCIE
Privilege Management for Unix and Linux	BeyondTrust | ADMIN
Active Directory Bridge	BeyondTrust | ADMIN

EDUCATION

Bachelor of Computer Science and Engineering

SRM University | India | 2011