

Ronald P. Reck

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Clearances: Active DoD TS/SCI + CI Polygraph

SUMMARY

Creative and deeply experienced UNIX/Linux and AI expert with 30+ years of operational systems experience, two degrees in Linguistics, and a strong record of delivering secure, resilient infrastructure. Specialist in Linux system administration, cloud automation, monitoring, and security. Architect of operational AI platforms deployed to AWS Marketplace (since 2015) and publisher of 11 data products. Extensive background in DoD and IC environments with operational knowledge of STIG compliance, CI pipelines, container orchestration, and secure data systems. Recognized for solving high-complexity problems at scale.

CORE TECHNICAL SKILLSET

OS: All major UNIX/Linux (RHEL, CentOS, Ubuntu, SuSE, Slackware, Solaris)

Cloud: Amazon Web Services (18+ years), EC2, S3, IAM, Terraform

Automation: Ansible, Puppet, Shell, Python, Bash, R, Prometheus, Grafana

Web: NGINX, Apache, HAProxy

Databases: Postgres, Oracle, MariaDB, Elasticsearch, Cassandra, Virtuoso, MongoDB

Security: RedHat STIG, firewalls/IPTables, ATO packages, privileged user workflows

Other: RDF, Docker, Docker Swarm, JIRA, NLP/NLU pipelines, LangChain

PROFESSIONAL EXPERIENCE

Technica Corporation — Subject Matter Expert (FBI contract)

09/2023 – 07/2024

- Enterprise application support across enclaves; privileged admin for FBI infra
- Designed automation for REST services, ATO, HA databases, HAProxy
- Cleared with CI Poly; granted VAR; completed all classified system training

RRecktek LLC — Founder & Principal Consultant

09/2009 – Present

- Designed RedHat STIG compliance system for DHS ICAM

- Developed and deployed Docker Swarm + Prometheus/Grafana stack for large-scale monitoring
- Architect of Predictive Analytics Framework (AWS Marketplace 2015–present)
- Built NLP/NLU pipelines for legal, biomedical, and federal intelligence systems
- Oversaw system security, automation, and operational scaling for 100+ clients

JAIC / SanCorp Consulting — Senior Technical Advisor, Artificial Intelligence

05/2020 – 06/2021

- Led secure AI/ML development across DoD-funded initiatives
- Developed hardened R containers in secure cloud environment
- Delivered NLP pipelines driving additional project funding across services

SAP Government Support / Inxight Federal Systems — Lead Client Manager

03/2008 – 09/2009

- Designed distributed sentiment analysis framework for Reuters data
- Contributed to StratML standard for semantic data interoperability

Collexis Inc. — Chief Technology Officer – Americas

02/2007 – 02/2008

- Led thesaurus and ontology design for aviation, weapons, races, geography
- Drove SKOS adoption across products

Intelligence Community Metadata Working Group — Senior Software Engineer

01/2005 – 10/2006

- Led Controlled Vocabulary Management System under EO 13356
- Delivered RDF/SKOS vocabularies for IC data interoperability

SAIC — Senior Software Engineer

03/2003 – 12/2004

- Created semantic analysis systems (TIA program)
- Developed secure RedHat AS deployments and forensic NLP tools

EDUCATION

Eastern Michigan University — MA, English Linguistics

Focus: Computational linguistics, syntactic parsing, information theory

Wayne State University — BA, English Linguistics

Focus: Theoretical syntax, morphology, semantics

CERTIFICATIONS & TRAINING

- Insider Threat Awareness, OPSEC, Privileged User Protocols
- DoD Annual Security Refresher
- CyberAwareness Challenge

SELECTED PUBLICATIONS & PRESENTATIONS

- KMWorld 2020: Detecting Bias and Prejudice Online
- Graphorum 2019: Using Graph Theory to Scale the Border Wall
- RSA 2013: Thin Slicing a Black Swan (co-authored with Michele Chubirka)
- Balisage 2011: RDF Graph Analysis in Music
- XML 2008: Sentiment Detection in Open Source Government Data