

DAYLAM TAYARI

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SKILLS

Languages:	Go, Python, Java, C++, JavaScript, PHP, SQL, HCL, Bash, HTML, CSS
Cloud & Virtualisation:	AWS, Terraform, Proxmox, Docker, Kubernetes
Technologies:	GraphQL, PostgreSQL, Active Directory, MySQL, NodeJS, VoIP, SIP
Tooling:	Burp Suite, Sliver, Nuclei, Metasploit, Ghidra, Nessus, Semgrep, Cobalt Strike, Wireshark
Foreign Languages:	Fully bilingual in French and English
Work Authorization:	United States permanent resident

EXPERIENCE

Bishop Fox

(May 2022 – Present)

Security Consultant III

(February 2024 – Present)

- **Technical engagement manager** for external network penetration tests, overseeing the technical work of consultants across projects, ensuring not only the proper completion of methodologies but also a holistic testing approach.
- Performed and **lead application, cloud, and network penetration tests** for a multitude of industry leading clients finding vulnerabilities that would have resulted in significant business impact and reputational harm, and was **personally requested** by multiple clients for my quality of testing and understanding of client needs.
- Conducted **secure code review** of applications in **Go, Python, Java, C++, and SQL**, identifying vulnerabilities and insecure code practices as well as providing detailed remediation and mitigation instructions.
- Developed multiple capabilities for consultants, primarily written in **Go and Python**, that increased the discovery of client assets as well as performed advanced scope deduplication to allow for the reduction of duplicate manual efforts.
- Worked directly with **AWS teams and application security engineers** to identify vulnerabilities and security concerns in **numerous AWS services**, as well as provided guidance towards remediation and improving their security posture.
- Established **mentorships** with other consultants, **mentoring** them on **network penetration testing and tool development**.

Security Consultant II

(November 2022 – January 2024)

- Conducted network and application penetration testing helping identify numerous critical and high severity issues across multiple Fortune 100 clients, providing remediation guidance to help fix vulnerabilities and improve their security posture.
- Performed source code review of Go, Python, Java, and SQL applications finding vulnerabilities such as authentication, authorization, and injection issues.
- **Built a new network security service line**, working with leadership and multiple teams to provide an offering that consistently identified new vulnerabilities and provided a more comprehensive evaluation of clients' networks.
- **Developed 12 tools and libraries, primarily in Go**, that optimized consultants capabilities and integrated internal solutions, resulting in more time-efficient testing.
- Carried out cloud security tests in **AWS** identifying privilege escalation potentials and misconfigurations.

Security Consultant I

(May 2022 – November 2022)

- Independently performed external network and application penetration tests across numerous industry-leading companies.
- Created 6 tools and scripts in Go, Python, and Bash to automate various engagement processes.

CERTIFICATIONS AND EDUCATION

Certifications:	OffSec Certified Professional (OSCP), AWS Certified Security - Specialty (Exp. Dec 2028),
Education:	Arizona State University (August 2020 – July 2023) Completed credits towards a B.S. in Computer Science with a concentration in Cybersecurity.

PROJECTS


Cierge – github.com/daylamtayari/Cierge

(December 2025 – Present)

- Built a **full-stack cloud-native platform** in **Go** that automatically books requested restaurant reservations for users as soon as they become available, allowing friends and family to obtain hard-to-get restaurant reservations.
- Leveraged **AWS EventBridge** to schedule time-optimized **AWS Lambda functions** that execute reservation bookings.
- Implemented **wide-event logging** and **wrote two libraries** to aggregate related logs and database queries throughout request flows, providing comprehensive logs that can be used idenpendently to troubleshoot and identify performance trends.
- Reverse-engineered and wrote the most-feature complete API library of the Resy platform.

Microsoft To-Do Export –  github.com/daylamtayari/Microsoft-To-Do-Export (February 2021 – Present)

- Frustrated by a lack of any export solutions, devised and built a **Go** tool that exports all lists and tasks from Microsoft To-Do into formats supported for import into other popular task management programs.
- Implemented numerous user feature requests for additional export formats and handling of additional data types.

Twitch Recover –  github.com/TwitchRecover/TwitchRecover (December 2020 – Present)

- Following a copyright restriction crisis on a popular live streaming platform, developed a tool in Java utilizing REST and GraphQL APIs that has **over 600,000 downloads** to allow users to better manage and recover their video content.
- Built in **Java** and utilizes **REST and GraphQL APIs** to retrieve and feed video content to end users.

VOLUNTEERING

Red Team – Western Regional Collegiate Cyber Defense Competition (November 2023 – Present)

- Attacked student-managed blue-teams to provide real-world threat experience, identifying and exploiting misconfigurations, implementing persistence, and exfiltrating designated trophy targets.
- Devise a variety of automated persistence methods that must be resistant to the competition environment, from C2 frameworks such as **Cobalt Strike, Sliver, Mythic, and Realm**, to application backdoors, and compromised users.