Cherif Fall

| Scrum Master | Project Manager | Network Cybersecurity & Cloud Enthusiast

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Professional Summary

Experienced Project Manager and Scrum Master with a proven track record of delivering high-quality projects on time and within budget using Agile methodologies. Adept at managing cross-functional teams, stakeholder communication, and ensuring seamless project execution. Highly skilled in troubleshooting, risk management, and guiding teams to adapt to complex challenges. In addition to strong project management expertise, currently expanding technical skills in networking, cybersecurity, and cloud computing (AWS), with certifications in **Network+** and **Security+ AWS Practitioner** already completed. Looking for opportunities to drive both project success and technical growth within an organization.

Education & Certifications

Bachelor of Science in Business Management – Washburn University, Topeka, KS

Certifications: PMP Certified | Scrum Master Certified | CompTIA Network+ | CompTIA Security+ | AWS Certified Cloud Practitioner

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Experience

Scrum Master/Project Manager
CoStar Group, Atlanta, GA   **March 2022 – March 2024**

> **Scrum Master Leadership:** Led multiple Agile teams, facilitated Scrum events, and ensured adherence to Agile principles throughout the project lifecycle.
> • **Team Collaboration and Coordination:** Promoted cross-functional teamwork among two Scrum teams and one Kanban team, and coordinated sprint planning, daily stand-ups, sprint reviews, and retrospectives.
> • **Agile Transformation:** Guided teams in adopting Agile methodologies, emphasizing continuous improvement and a customer-centric approach to software development.
> • **Micro-Frontend Redesign:** Facilitated the transition of a legacy ASPX project to a micro-frontend architecture using Angular 16 and Node.js.
> • **Microservices Migration:** Led the migration from a monolithic app to a microservices architecture, utilizing Node.js and MongoDB, and deployed it in Kubernetes for scalability and resilience.
> • **Enhanced Authentication Framework:** Implemented OAuth 2.0 for secure REST services, enabling seamless single sign-on across multiple web applications.
> • **Containerization Strategy:** Oversaw the containerization of applications and web servers using Docker and Kubernetes, supporting up to 100k concurrent users.
> • **Web Performance Optimization:** Improved Angular applications' performance by refining Webpack configurations and Zone.js settings, resulting in a 25% performance boost

Scrum Master
Koubrah, Washington, DC   **June 2018 – March 2022**

- **Scrum Facilitation:** Conducted All Scrum Events, Including Sprints, Sprint Planning, Daily Stand-Ups, Sprint Reviews, Retrospectives, And Backlog Refinement.
- **Agile Education:** Educated New Team Members on Agile Mindsets, Frameworks, And Practices.
- **Organizational Influence:** Assisted In Removing Organizational Impediments and Fostering Healthy Agile Practices.
- **Team Dynamics And Development:** Facilitated Team Development, Resolved Conflicts, And Encouraged Positive Team Dynamics.
- **Metrics And Reporting:** Developed Dashboards to Track Vital Metrics Such as Sprint Performance, Team Collaboration, Risk Management, And Project Delivery.
- **Cross-Functional Collaboration:** Worked with Cross-Functional Teams to Align Product Roadmaps with Business Objectives and Customer Needs.

IT Project Manager
ECI Services, Topeka, KS   **May 2016 – May 2018**

- Managed the implementation of Elev834 and Waive-It systems for student health insurance administration.
- Collaborated with IT teams to integrate systems like Banner, PeopleSoft, and Medicat for seamless operations.
- Led projects for PPO contracting, provider credentialing, and regulatory compliance.
- Utilized Jira and Smartsheet to track milestones and ensure on-time, within-budget delivery.
- Introduced Agile methodologies, improving team efficiency by 15%.

Projects

Home Lab Setup and Networking Analysis   **October 2024 - Present**
Watch the process on YouTube | Read more on Medium

- Built a comprehensive home lab for hands-on experience in network configuration, cybersecurity, and cloud computing.
- Configured multiple operating systems (Linux, Ubuntu, Kali) and set up virtualized environments using VirtualBox.
- Applied networking concepts such as subnetting, static IP assignments, and VLAN configurations.
- Created a cybersecurity playground for learning and testing tools like Wireshark and Nmap for network analysis.

Active Directory and Network Security Lab Setup
Watch the process on YouTube | Read more on Medium

- Set up Active Directory on a Windows Server 2019 to manage user accounts, groups, and permissions in a domain environment.
- Integrated Chronos for managing time-sensitive tasks in the network.
- Configured Metasploitable 2 for vulnerability testing and penetration testing in a controlled environment.
- Set up Windows 10 Enterprise as a client system for testing network access, group policies, and security configurations.
- Tested network security tools and penetration testing methods using the lab environment, simulating real-world attacks to assess vulnerabilities.

Cloud Console Setup and EC2 Management
Watch the process on YouTube | Read more on Medium

- Created a cloud console for hands-on experience with AWS services and EC2 instances.
- Launched and configured **EC2 instances** to run web applications, including setting up security groups and key pairs.
- Configured a **Load Balancer** to distribute traffic across multiple EC2 instances for improved scalability and availability.
- Gained experience in **VPC** configuration, security management, and monitoring using AWS CloudWatch.
- Integrated **S3 buckets** for file storage and managed backup and recovery processes.

Cherif Fall Portfolio Website & CAFALL Charity Website
View the project on GitHub

- Developed a personal portfolio and my **CAFALL Charity** website using HTML, CSS, and JavaScript to showcase skills and professional projects.
- Integrated **GitHub** to demonstrate version control proficiency and included links to the website for easy access to code and documentation.

Technical Skills

- **Programming Languages**: HTML, CSS, JavaScript, Python
- **Networking**: TCP/IP, Subnetting, VLANs, DNS, DHCP
- **Cloud Technologies**: AWS (EC2, S3, Load Balancers, VPC), Terraform
- **Operating Systems**: Windows Server 2019, Ubuntu, Kali Linux, Windows 10 Enterprise
- **Version Control**: Git, GitHub
- **Agile/Scrum**: Scrum, Kanban, Backlog Management, Sprint Planning