Kyle Jones

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SUMMARY

Full-stack software engineer experienced with planning, designing, building, testing, and deploying full-stack applications. Secret cleared Army veteran with 10 years of experience in scripting, telecommunications, windows administration, Cisco networking, and cybersecurity practices, and 6 years of experience managing and training IT professionals.

EXPERIENCE

Staff Application Engineer – Maxar Technologies - Remote – Nov 2022 – Oct 2023
Responsibilities – Design, build, and support software tools that facilitate access to Maxar's suite of APIs including SDKs, GIS software integrations, Python notebooks, documentation, and training aids.
Skills – Geographic Information Systems, Python, Java, C#, OOP, Web Development, ArcMap, ArcGIS, RESTful APIs, Performance monitoring, JIRA, GIT, Agile workflows.

Achievements — Planned, designed, and developed the company's first Java-based SDK that wrapped Maxar's APIs, allowing Java developers a simple-to-use tool to access Maxar imagery resources. Designed and developed application plugins for QGIS and ArcMap using libraries like PyQGIS, PyQT, ArcPY, and ArcObjects.

Network Operations Senior SATCOM Support – U.S. Army - Fort Riley, KS – Jan 2019 – Nov 2022
Responsibilities – Managed, monitored, and maintained Cisco network services through ipv4/ipv6 LAN/WAN routing, provided rapid service interruption response. Maintained, monitored, and repaired 8 satellite communications ground terminal links. Trained and developed 20 direct reports on network and telecommunications operations
Skills – Leadership, Agile Workflow, Cisco routing and switching, Scripting, Network Administration, Encryption, Maintenance, Troubleshooting, DMVPN, Network Security, Satellite Communication

Achievements - Improved enterprise network readiness throughout the organization by providing hands-on training to sub-organization and sister organizations resulting in a 50% decrease in network failures. Managed SAP software used to pull database reports for leadership enabling future planning and resulting in a 300% increase in licensed company vehicle operators.

Earth Terminal Complex Shift Supervisor – U.S. Army - Camp Arifjan, Kuwait – Dec 2018 – Dec 2019
Responsibilities – Shift supervisor for a team that supported 36 active SATCOM missions across Southwest Asia. In charge of the site security program, drafted and revised site security SOP. Trained and developed 29 direct reports in the operation of the Earth Terminal Complex
Skills – Leadership, Shift Management, Agile Workflow, Scripting, Cisco routing and switching, Network Administration, Encryption, Maintenance, Troubleshooting, DMVPN, Network Security

Achievements — Security team lead responsible for maintaining COMSEC monthly keys and incident response for 78 separate network links with 0 security incidents over a six-month period

Telecommunications Operations Chief – U.S. Army – JBLM, WA – Oct 2016 – Dec 2018
Responsibilities – Head of telecommunications support section consisting of 3 communications teams trained for rapid response to domestic emergencies. Devised and implemented a training schedule to ensure all members were proficient at their duties
Skills – Leadership, Agile Workflow, Cisco routing and switching, Scripting, Network Administration, Encryption, Maintenance, Troubleshooting, DMVPN, Network Security, Satellite Communication

Achievements — Set a new organizational record for crew setup times with communications equipment by training and leading a team in a series of exercise drills. Oversaw configuration, and installation of 291 Cisco switches to modernize Letterkenny Army depot local network

SATCOM Systems Operator Maintainer – U.S. Army - Fort Huachuca, AZ – Jul 2013 – Oct 2016
Responsibilities – Operated as a member of the satellite communications team with one overseas mission to Qatar in support of US missile defense operations. Attending training and schools to improve skills and technical abilities.
Skills – Leadership, Agile Workflow, Scripting, Cisco routing and switching, Network Administration, Encryption, Maintenance, Troubleshooting, DMVPN, Network Security, Satellite Communication

EDUCATION
Southern New Hampshire University
Master of Science, Information Technology (Candidate)
January 2023 – July 2024

Southern New Hampshire University
Bachelor of Science, Cybersecurity
January 2019 – December 2022
GPA: 3.69
Organizations: National Society of Collegiate Scholars
- Relevant Coursework: Intro to Scripting, Foundation in Application Development, Application Security, Intro to Structured Database Environments, Applied Statistics, Intro to Quantitative Analysis.

Operation Level-Up | *Advanced Software Engineering Immersive, US Remote* 2022
- 18-week software engineering immersive program with over 1000+ hours of coding. Full-Stack development with JavaScript, React, Express, PostgreSQL, MongoDB, and MySQL in an AGILE environment

Relevant Skills -
Front End | JavaScript, Python, React, Next, HTML5, CSS3, Tailwind, jQuery
Back End | Node.js, Express, PostgreSQL, MongoDB, MySQL, RESTful APIs, GraphQL
Developer Tools | Vim, Git, npm, jest, Agile Methodology, Scrum, Kanban, Trello, Asansa, figma, cloud (Heroku, Render, Vercel)

Certifications and Licenses

CompTIA Security+ DoD Secret Clearance

September 2024 March 2013 - November 2025

https://www.credly.com/users/kyle-jones.62ce19e4