# DANIEL KURNATH

@
danielkurnath@gmail.com

☎
(551) 206-9857

📍
Sussex, NJ 07461

## WEBSITES, PORTFOLIOS, PROFILES

- https://kurnath.com

## EDUCATION

**Ruckus Certified Wireless Associate (RCWA)**,
February 2024

**Certified Wireless Network Administrator (CWNA)**,
December 2021

**Mist Master/Mist BLE Master**,
June 2018

**Certified Meraki Network Administrator (CMNA)**,
July 2017

**VMWare Technical Sales Professional: VDI**,
August 2015

**Cisco Certified Network Associate**,
July 2015

## PROFESSIONAL SUMMARY

Results-driven technology leader with 17+ years of experience, I specialize in delivering innovative solutions that prioritize meeting customer needs. My background encompasses a wide range of expertise, including network architecture/operations, cloud computing, automation, platform integration, virtualization, security, and server architecture. I am deeply committed to continuous improvement, actively incorporating customer insights to drive successful outcomes.

## SKILLS

- Staff development
- Process development
- Revenue generation
- Business strategy
- Pre-sales engineering
- Network architecture
- System architecture
- Enterprise wireless systems
- High density wireless design
- Business administration
- Wireless management systems
- Wireless site survey
- Wireless spectrum analysis
- Network monitoring systems
- Firewalls
- Routing and switching
- SW-WAN, VPN, and GPON architecture
- Programming and automation (Python, C, Bash, PowerShell)
- Windows/Linux server administration
- Cloud computing (AWS, Azure, gCloud)
- Virtualization (ESX/vSphere)
- Containerization (Docker)

## WORK HISTORY

January 2023 - Current
**CW - Director Wi-Fi / IP Networks**, Sussex, NJ
In my role as Director of Wi-Fi / IP Networks at CW, I lead a team of highly skilled network engineers, architects, and software developers together, we deliver best-in-class wired and wireless networks across a diverse portfolio of verticals these include high-capacity entertainment and sports venues, business improvement districts in some of the nation's largest cities, and large retail venues.
My responsibilities include forecasting emerging technology trends, devising business processes, and making strategic decisions to optimize network performance and availability In addition, I engage with our clients to deliver custom tailored solutions, all while ensuring CW's technology solutions are innovative, secure, and efficient. Additionally, I oversee the development of both customer-facing and internal software products our products provide industry-leading analytics and operations capabilities, driving performance, efficiency, and network monetization within our client organizations.

January 2022 - January 2023
**CW - Manager Wi-Fi & IP Networks**, Sussex, NJ

- Oversee all WIFI & IP Networks for CW's customers, ensuring 100% availability and keeping them up-to-date
- Respond to customer requests, forecast upgrades, create and maintain proper documentation and processes, and report on SLAs
- Assemble and oversee a group of skilled network professionals, directing their efforts and coordinating all activities that influence the performance of the networks
- Make decisions in terms of configuration and architecture of the networks as the technical leader of the organization.

January 2019 - January 2022
**CW - Network Engineer III**, Sussex, NJ

- Network engineer overseeing northeast US territory
- Responsible for design, implementation, validation, and operation of wired/wireless networks for a diverse portfolio of stadiums, municipalities, retail centers, and public transit systems
- Responsible as well for integration and automation of monitoring, reporting, and operations platforms/tool-sets for the IP networking team.

January 2016 - January 2019
**ATSG - Network Engineer**, Briarcliff Manor, NY

- Engineering lead for many high profile clients including: New York Health + Hospitals, Museum of Modern Art, Atlantic Health Systems, EmpiRx Health, Habib Bank Limited, Rolex, Structure Tone, Spear Physical Therapy
- Member of wireless services team providing surveys, performance remediation, wireless network design, implementation, and NaaS
- Key member of security team responsible for definition of internal security best practices, audits, and compliance

January 2014 - January 2016
**Route7 Consulting - Network Engineer**, Sterling, VA

- Oversaw projects for high profile federal and private sector clients including: Department of Labor, Department of Energy, Department of Agriculture, and Education Corporation of America
- Lead teams as large as 50 engineers on national scale projects
- Designed curriculum for 250 classroom hours including lectures, slides, assessments, homework, and interactive lab simulations. Taught eight week networking and linux course for Akamai.
- Taught week long course on VMWare fundamentals, and datacenter migration for US District Courts.

January 2013 - January 2014
**Microtech - West Point Military Academy – Network/Wi-Fi Engineer**, West Point, NY

- Provisioned, inventoried, configured and deployed 230+ Cisco PoE access layer switches, 8 wireless controllers, 2 Prime NCS appliances and 2500 access points
- Performed physical site surveys during planning phase
- Created predictive RF model for all campus buildings and Michie Stadium
- Installed structured cabling in over 200 IDF's to support wireless network
- Performed post installation Wi-Fi heat mapping for customer validation & acceptance

- Provided routine maintenance and troubleshooting during post deployment phase for all associated Wi-Fi hardware.

January 2006 - January 2013
**David Gordon Company - IT Specialist**

- Sole point of contact company-wide network & systems administration

- Implemented "Paperless office" solution including document digitization, custom categorized tagging, OCR processed text search-able document database, and network faxing

- Developed in-house insurance rating software for NJCRIB quoting; greatly reducing NJCRIB quote time

- Responsible for all IT acquisitions.