

(651)605-1493
Minneapolis, MN
rajsinghpre@gmail.com

Raj Singh

Senior Computer Engineer

GitHub: rajsinghtech
LinkedIn: rajsingh360

Looking for a challenging position in an IT Company where I can use my capabilities and learn everything which contributes to the growth of the organization. I have a passion for networking infrastructure, IT, and integrated systems.<https://rajsingh.info/>

SKILLS

Computer Infrastructure	Windows, MacOS, Linux, Apache/Tomcat, VMware, Docker, Kubernetes, ESXI VMware, Hardware deployment, TCP/IP Networking
Programing Languages	Python, HTML, CSS, Javascript, Java, C, SQL
Coursework	Object Oriented Programming, Data Structures, Computer Organization and Assembly Level Programming, Digital Logic, Networking, PC Troubleshooting, Digital Systems Fundamentals
Achievements	Eagle Scout, Top 10 national finalist at BPA for Computer Networking
Certification	CompTIA A+ Certification, CompTIA Networking + (In Progress), CCNA (In Progress)

TECHNICAL EXPERIENCE

IT Network Engineer <i>Casey's General Stores, Inc</i>	MAY 2021 — Present <i>Ankeny, IA</i>
--	--

- Collaborated with clients to develop network engineering solutions from concept through implementation
- Assist in the development of detailed network designs in the following areas: software-defined networking, network segmentation, network access control, network security, and cloud networking components
- Assisted with the deployment of various network devices and services, including SD-WAN, Load Balancers, Cisco/Meraki routers, switches, firewalls (PaloAlto), Wireless LAN, and VPN
- Performed network maintenance and system upgrades, including service packs, patches, hot fixed and security configurations
- Ensure system performance availability and reliability
- Monitored system resource utilization, trending, and capacity planning
- Provided level-2/3 support and troubleshooting to resolve issues
- Leveraged API's to automate certain networking-based tasks with containerized deployment
- Commission and decommissioning of Network Infrastructure
- Various types of documentation including RFP's, asset management, licensing

IT Specialist <i>Singh360</i>	MAY 2017 — Present <i>Medina, MN</i>
---	--

- Responsible for small business scale IT operations and management. Installation of networking infrastructure, hardware/software deployment, management of software solutions
- Managed the entire IT life-cycle for all hardware assets
- Conducted and Performed Vulnerability Assessment and Penetration Tests on the perimeter network, systems and applications.

Crypto Block-Chain Transaction Validation <i>Ethereum Network</i>	SEP 2019 — Present
---	---------------------------

- Utilizing the use of Graphics Processing Units for securing transactions on Ethereum's Proof of Work consensus mechanism.
- Developed knowledge and understanding in proper server hardware efficiency/management.

Computer Technician <i>Pro Network Solutions</i>	MAY 2020 — DEC 2020 <i>Des Moines, IA</i>
--	---

- Disassemble and reassemble computers using various types of hand tools. Provided Software/Hardware support for customers in retail location.
- Performed upgrades, maintenance, and installations of Window/Mac OS Replaced hardware components, upgraded memory, installed wireless cards and various other upgrades for customers

EDUCATION

Bachelor of Science in Computer Engineering, Iowa State University GPA: 3.0+	2018 — 2022
General Education Development, Wayzata High School	2014 — 2018