RIPUNJAY SINGH

ripunjay65@gmail.com • (917) 696 9971 • https://www.linkedin.com/in/ripunjaysingh/

Summary

Accomplished cybersecurity professional with a robust proficiency in cutting-edge security tools and technologies, adept networking capabilities, and a thorough grasp of compliance standards. Demonstrated success in elevating project efficiency, elevating customer satisfaction levels, and fine-tuning network and security architectures. Proven ability to collaborate effectively with Enterprise, SLED, and Federal clients, coupled with comprehensive expertise in IT security testing, risk, and vulnerability analysis. Extensive hands-on experience with top-tier security tools and a profound comprehension of security principles and methodologies. Proficient in delivering customer-facing deliverables to diverse audiences, effectively conveying technical knowledge across all levels of understanding.

Professional Experience

Federated Wireless   **Arlington, VA**
Customer Solutions Engineer   *January 2023 – Present*
- Orchestrated collaborative efforts in a dynamic startup environment, leading the design of 100+ client projects, including CBRS 4G/5G and Wi-Fi products, resulting in a 20% increase in project efficiency
- Championed customer advocacy in both pre-sales and post-sales technical inquiries, resulting in a 15% boost in customer satisfaction scores
- Provided strategic guidance to clients, leading to the implementation of scalable network and security architectures that reduced operational costs by 10% and aligned seamlessly with their long-term objectives

Verizon Business   **Cary, NC**
Security Solutions Architect   *May 2021 – December 2022*
- Engineered customer-centric networking and security solutions in Managed Security Services, Cloud Security, Zero Trust, Endpoint Security, SASE, IAM, MDR, SWG, Risk Management, IR, DDoS protection, Web Application Firewall, etc. for Fortune 500, SLED, and Federal clients, resulting in $2.3 million in bookings with a remarkable 180% attainment rate, propelling a 45% surge in business revenue
- Spearheaded strategic automation and process enhancements in IP networking projects, leveraging Python,
- VBScript, and PowerShell to elevate process efficiency by nearly 45%
- Authored compelling RFI and RFP responses for Security, Networking and AI solutions, seamlessly integrating network, security, and 5G capabilities to drive digital transformation
- Delivered expert client solution design and technical product positioning grounded in profound industry knowledge, optimizing network, systems, software, and security alignment to precisely meet client requirements

Correlation One, DS4A/Empowerment   **New York, NY**
Data Science Fellow   *October 2020 – February 2021*
- Beat over 10,000 applicants to secure a spot in an exclusive 500-student case-based cohort, achieving mastery in full-stack Data Science and Analytics principles, the end-to-end Data & Analytics (D&A) lifecycle, and their real-world applications
- Spearheaded an extensive analysis of Federal Election Campaign data spanning four decades from 1980 to 2020. Utilized advanced statistical techniques, including logistic regression and ensemble models, to unveil significant correlations between political marketing expenditures and Presidential election outcomes.
- Employed Tableau and Google Data Studio to create compelling data visualizations, enhancing data-driven decision making

Askclass   **Sunnyvale, CA**
Data Science Intern   *September 2020 – December 2020*
- Collaborated closely with a cross-functional team of three to spearhead the development of a cutting-edge NLP algorithm, capable of analyzing over 10,000 student responses. Leveraged Tableau for data visualization, resulting in a remarkable 50% surge in followers and website visits due to more effective marketing recommendations
- Played a pivotal role in supporting the CEO and Product Management Team by actively contributing to ideation for new products.
- Simultaneously managed multiple strategic projects aimed at enhancing community outreach, which led to a substantial 25% increase in audience viewership

JP Morgan Chase & Co.   **Jersey City, NJ**
Corporate Analyst Development Program Summer Analyst   *July 2020 – August 2020*
- Guided and empowered a team of four to implement strategic enhancements, significantly streamlining the KYC/Onboarding process within the CIB division, resulting in a 30% reduction in processing time and a 25% increase in accuracy
- Collaborated with an NGO to deliver targeted, business-focused solutions, yielding a remarkable 35% enhancement in process efficiency and driving substantial business growth through improved operational performance

United Parcel Services   **Mahwah, NJ**
Software Engineering Co-Op | Enterprise Business Intelligence   *June 2019 – July 2020*
- Optimized SharePoint data extraction and automated Oracle ID email correspondence within an Agile Linux environment using Bash, SQL, and VBScript, resulting in a remarkable 55% increase in operational efficiency
- Strengthened Business Intelligence and Analysis (BIA) website security through the development of PL/SQL Procedures and Functions, leading to a substantial 40% decrease in website attacks

iQ4 Corporation | Cybersecurity Workforce Alliance (CWA)   **Jersey City, NJ**
Cyber Security Intern   *September 2018 – December 2018*
- Spearheaded efforts to ensure ISMS (Information Security Management System) adherence, leveraging a multi-faceted approach to internal audit that included integration of ISO, NICE, NIST CSF, NIST RMF, and COBIT
- Research, document, and articulate security risk intelligence to align control performance with evolving risk profiles
- Achieved a remarkable 35% reduction in compliance violations, significantly enhancing the organization's cybersecurity posture
- Provided recommendations for remediating detected vulnerabilities and compliance gaps, leveraging metrics and risk assessment reports

Kratikal Technologies Private Limited   **Noida, India**
Security Team Intern and Trainee   *June 2018 – August 2018*
- Orchestrated and empowered a 10-member team to rigorously conduct IT security testing using OWASP Top 10 principles and tools such as Nessus, Qualys, and NMap, resulting in the fortification of application security and the achievement of an impressive 45% enhancement in application resilience.
- Engineered and meticulously supervised cutting-edge cyber monitoring and security analytics solutions, ensuring swift and efficient Incident Response to combat cyber threats with unparalleled precision.
- Spearheaded and executed streamlined vulnerability management solutions for clients, driving a substantial 35% augmentation in customer relationships, thereby bolstering trust and satisfaction levels.

Competencies

Programming Languages	Bash, C/C++, HTML, PowerShell, Python, SQL (PL/SQL, T-SQL)
Security	Acunetix, Archer GRC, Burp Suite, Digital Forensics, FireEye ATP, Firewalls, FTP, IDS/IPS, Incident Response, Kali Linux, Metasploit, Nessus, NMap, Risk Assessment, SASE, SFTP, SCA, SIEM, SQLMap, SSH, Splunk, SWG, Symantec Endpoint Protection, Threat Analysis, Tenable, VPN, Vulnerability Management, Wireshark, ZTNA
Networking	4G LTE/5G, DHCP, DNS, LAN, OSI 1-7, routing, SDWAN, switching, TCP/IP, VLANs, WAN
Compliance	COBIT, HIPAA/HITECH, HITRUST, SOC 1/SOC2 Type 11, PCI-DSS, NIST FIPS 199, NIST FIPS 200, NIST SP 800-37, NIST SP 800-53/A, FISMA, OMB
Operating Systems	Linux/Unix, Windows, MacOS
Software and Database	API (SOAP, REST), Agile, Scrum, MS Office (Excel Pivot Tables)
Cloud	AWS, GCP, Azure

Leadership and Professional Development

Enactus   **Jersey City, NJ**
Chapter Founder and President   *April 2019*
- Initiated and managed entrepreneurial initiatives from inception to successful completion, driving member enrollment and campus outreach efforts. These initiatives led to a remarkable 400% growth in the student body, increasing it from 5 students to 25 students.

Delta Sigma Pi, Zeta Eta Chapter   **Jersey City, NJ**
Brother and VP, Scholarships and Awards   *September 2018*
- Administered a scholarship fund of $20,000, overseeing the equitable distribution among chapter brothers. Additionally, served as the primary point of contact for the provincial and national Scholastic Development and
- Awards Committees, ensuring seamless communication and collaboration.

Residence Hall Association   **Jersey City, NJ**
President   *September 2018*
- Led the Residence Hall Association, overseeing a team of 12 members and representing the interests of 3,000 students, resulting in a 30% increase in resident engagement and a 15% improvement in overall resident satisfaction during my tenure.

Recognition and Involvement

Organizations
- Ambassador & Mentor at iQ4
- Member, International Consortium of Minority Cybersecurity Professionals
- Brother, Delta Sigma Pi
- Mentee, NYU Mastermind Mentorship Program
- Member, OutinTech

Honors and Awards
- Winner, IoT category, UPS Hackathon
- Distinguished Scholar Award, DS4A
- Gold Medal, School of Business
- Winner, (ISC)2 Coding Competition
- Envestnet Institute on Campus Asset Management Certificate

Certifications
- Palo Alto Prisma Cloud Associate
- Palo Alto Networks PSE Foundation
- Zscaler Certified Associate
- Splunk Fundamentals
- Tanium Cloud Deployment
- iBoss Cloud Core Accreditation
- Securonix Certified Sales Engineer
- Cradlepoint Certified Sales Associate

Education

New York University, Tandon School of Engineering   **Brooklyn, NY**
Master of Science, Cyber Security (part-time)   *September 2022 - Present*
- **Cyber Fellows Scholarship**
- **Relevant Coursework:** Information Security and Privacy, Networking Concepts, Operating Systems, Network Security

New Jersey City University   **Jersey City, NJ**
Bachelor of Science, Computer Science | GPA: 3.98/4.00   *May 2021*
- **Golden Gothic Scholarship**
- **Relevant Coursework:** Software Engineering, Data Structures, Programming Languages, Discrete Structures, Computer Architecture, Database Design, Statistics, Intro to Linux/Unix, Computer Security, Secure Software Development, Risk Management, Disaster Recovery, International Finance, Investment Principles, Intermediate Macroeconomics, Microeconomics