

# JEFFREY MONTOYA

Dover, NJ • (201) 841-9697 • [montjeffrey@gmail.com](mailto:montjeffrey@gmail.com) • [linkedin.com/in/montjeffrey](https://linkedin.com/in/montjeffrey) • [montjeffrey.dev](https://montjeffrey.dev)

## PROFESSIONAL SUMMARY

Technology professional specializing in Cloud, Cybersecurity, and Networking with hands-on project experience across security assessment, infrastructure deployment, and full-stack development. Strong analytical foundation with Python security tooling, AWS/Azure cloud concepts, and practical experience using Kali Linux for penetration testing and network analysis. Combines technical aptitude with proven operational experience managing CRM/CMS systems for 5,000+ client records. Bilingual (English/Spanish) and ready to contribute to development, cloud, or security-focused teams.

## TECHNICAL SKILLS

<b>Cloud &amp; Networking:</b>	AWS (VPC, EC2, IAM, S3, Security Groups), Azure (AZ-900 concepts), LAN/WAN, TCP/IP, DHCP, DNS, IPSec, VPN, Routing, Wireless Security (WAP/WLC), Network Troubleshooting
<b>Security &amp; Pentesting:</b>	Kali Linux, Nmap, Wireshark, Metasploit, John the Ripper, Responder, Recon, CVSS Scoring, OWASP Testing (XSS, CSRF, IDOR, OAuth), Windows Security Policies, GPO, Log Analysis
<b>Programming &amp; Data:</b>	Python, JavaScript, Java, C, HTML/CSS, SQL, REST APIs, Git/GitHub, Data Validation, Random Forest (ML), JSON/Markdown Reporting
<b>Operating Systems:</b>	Windows 10/11, Windows Server 2019/2025, Kali Linux (2019.3–2025.3), Ubuntu
<b>Tools &amp; Platforms:</b>	VirtualBox, VMware, Visio, Salesforce, Lawmatics CRM, Docketwise CMS, QuickBooks, Microsoft 365, Google Workspace
<b>Hardware:</b>	Cisco Routers/Switches, Dell/HP/Lenovo Systems, DSL/Cable Modems, Wireless APs, Cat5/5e/6 Cabling

## TECHNICAL PROJECTS

### Automated Security Assessment & Penetration Testing Suite — Python • 2025

- Engineered modular Python security testing framework scanning for IDOR vulnerabilities, OAuth/open-redirect flaws, rate-limit bypasses, CSRF/session weaknesses, and XSS/CSP issues.
- Implemented AI-assisted XSS payload generation and brute-force gap detection with configurable safety throttling.
- Generated structured JSON and Markdown vulnerability reports for technical and non-technical stakeholders.

### AWS VPC & Cloud Infrastructure Simulation — AWS • 2025

- Designed and deployed Virtual Private Cloud with segmented public/private subnets, custom route tables, and Internet/NAT gateways.
- Configured Security Groups and Network ACLs implementing least-privilege access controls for EC2 instances.
- Practiced IAM user/role management, policy creation, and multi-factor authentication enforcement.

### Wi-Fi Network Security Audit — Kali Linux • Wireshark • Nmap • 2024–2025

- Performed comprehensive network reconnaissance using Nmap for host discovery, port scanning, and service enumeration.
- Captured and analyzed network traffic with Wireshark to identify vulnerabilities and unauthorized devices.
- Documented findings including device mappings, open ports, and security recommendations.

### ML Sports Analytics Platform — Python • JavaScript • REST APIs • 2024–2025

- Built Python backend using Random Forest ensemble learning for predictive modeling, achieving 74% prediction accuracy.
- Integrated real-time data ingestion from SportsData.io and ESPN APIs with automated data cleaning and validation.
- Developed responsive JS/HTML/CSS frontend with feedback loops for model refinement.

### GenZ Mama — Childcare & Parenting Blog Platform — React • TypeScript • Node.js • 2025

- Developing full-stack blog platform using React with TypeScript for type-safe component architecture and Node.js backend.
- Implementing modern UI/UX design optimized for mobile-first parenting audience with content management workflows.
- Deployed via Netlify with CI/CD pipeline for continuous updates; live development at genzmama.netlify.app.

### Levelz Barber Studio Website & Security Hardening — HTML/CSS/Node.js • 2025

- Developed responsive business website with Booksy API integration for real-time booking and custom JavaScript workflows.
- Conducted security audit identifying XSS vulnerabilities; implemented security headers, input validation, and HTTPS.
- Applied SEO optimizations and accessibility standards (WCAG) including alt text and contrast compliance.

## **PROFESSIONAL EXPERIENCE**

---

### **Freelance Developer & Consultant**

*Dover, NJ • March 2025 – Present*

- Design and deploy web applications using HTML, CSS, JavaScript with AWS-backed infrastructure and Netlify CI/CD pipelines.
- Perform security assessments and implement hardening measures including XSS prevention, security headers, and GDPR compliance.
- Automate business workflows using Python scripting, form integrations, and data tracking systems.

### **Legal Assistant / Administrative Marketing Assistant**

*The Scheer Immigration Law Group — Morristown, NJ • November 2022 – February 2025*

- Administered CRM (Lawmatics) and CMS (Docketwise) systems managing 5,000+ client records with strict data integrity and versioning.
- Led digital transformation: digitized sensitive legal documents, implemented standardized naming conventions, enforced retention policies.
- Automated reporting workflows and data validation using Excel formulas and Python scripts, reducing manual errors.
- Analyzed marketing performance data and implemented SEO strategies, improving lead quality by 60%.

### **Operations Manager**

*CVS Pharmacy — Rockaway, NJ • October 2020 – 2022*

- Utilized Salesforce CRM to track and resolve customer experience issues; maintained accurate inventory and compliance records.
- Supported pharmacy tech systems including prescription management and insurance data entry with strict HIPAA compliance.
- Conducted daily audits, managed payroll reconciliations, and maintained detailed operational logs for loss prevention.

### **Mentor / IT Support Specialist**

*Dover College Promise — Dover, NJ • January 2019 – November 2022*

- Served as sole IT support resource: troubleshoot computer networks, wireless connectivity, and office systems for nonprofit.
- Maintained system reliability, organized shared drives, and ensured secure access to organizational resources.
- Mentored students in technical skills including Microsoft Office, project management, and professional communication.

## **EDUCATION & CERTIFICATIONS**

---

**LasComp Institute of IT** — CompTIA Triple Certification Course (A+, Network+, Security+) • Completed November 2025

**New Jersey Institute of Technology** — Electrical Engineering Coursework (69 credits)

**County College of Morris** — Business Administration Coursework (Finance focus)

**Certifications:** CompTIA Security+ (Expected Dec 2025) • AWS Cloud Practitioner (Coursework Completed) • Azure AZ-900 (Expected Jan 2026) • freeCodeCamp JavaScript Algorithms & Data Structures • freeCodeCamp Responsive Web Design

*Bilingual: English & Spanish • Full-Time Availability • Portfolio: montjeffrey.dev*