

Rafael Corporan

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OBJECTIVE

Experienced IT expert (10+ years) specializing in network architecture, cloud solutions, and scalable infrastructure. Passionate about IT with AI innovation, from prompt engineering to LLM integration to build next gen systems. Full-stack ‘Vibe Coder’ who thrives on ideation, execution, and optimization, delivering seamless front-to-backend solutions with a future-forward mindset.

SKILLS

AI Prompt Engineering (OpenAI, Google AI) • Multimodal Interfaces • Chatbot Development • Data Visualization (D3.js, Chart.js) • Blockchain Basics • Ethical AI • Real-time Data Processing

Development: **Frontend:** HTML/CSS, JavaScript/TypeScript, React (Next.js), Web Components, CSS-in-JS, Zustand, Performance Optimization, Security, Testing (RTL), SEO, React Native/Flutter

Backend: Node.js, Python (FastAPI/Django), Go, Rust, APIs (REST/GraphQL/gRPC), Auth (OAuth/JWT/SSO), Security (OWASP/Zero Trust) WebAssembly, Real-time WebSockets/WebRTC)

Cloud & DevOps: Serverless (AWS Lambda/Vercel (V0) /Cloudflare Workers) • Containers (Docker/Kubernetes) IaC (Terraform/Pulumi) • CI/CD (GitHub Actions) • Monitoring (ELK/Prometheus/Grafana) • Performance Optimization

Data & Systems: Databases: SQL/NoSQL/NewSQL/DFS • Networking: Cisco (CCNA), VLANs, Routing (RIP/OSPF/EIGRP), Wireless, Structured Cabling • Systems: Windows/Linux (Fedora/Ubuntu/SUSE), AD/DNS/DHCP, Clustering, VPN

Emerging Tech: Automation (Python/Bash/Node) • Edge Computing • IoT

Tools & Platforms: Cloud: AWS/Azure/Vercel/Netlify • Admin: Webmin/phpMyAdmin • UI/UX: Figma

OS: Windows Server 2022, macOS, Linux

Soft Skills: Problem Solving | Research | Communication | Remote Collaboration | Mentoring | Product Mindset | Adaptability | Negotiation | Time Management | Fluent Spanish

PRO-EXPERIENCE

UDARA, VoIP NETWORK PROJECT LEAD | March/2019 – September 2024

Designed and deployed a multi-location VoIP network with dedicated Gateways at each site.

Configured a Digital Ocean VPS as the network core. | Implemented a secure VPN for encrypted communications. | Integrated Sim Center System for simulation training.

Managed GW Register System for call routing and registration. | Optimized VOS Softswitch System for call management. | Dual role as **Project Manager & IT Recruiter**: Led teams, allocated resources, and mitigated risks to ensure on time delivery.

TECH ALLIANCE, NYC IT SPECIALIST & NETWORK ADMIN | April 2014 – September 2017

Provided comprehensive desktop and server technical support for clients. Became the web administrator within a year, deploying and managing an Oracle database on Suse Linux 11. Set up Linux web servers based on LAMP stack and WordPress sites. Created shell scripts and cron jobs for MySQL database backups. Managed various Windows OS environments, including XP, 7, 11, and Server 2008, 2012.

ONUXTECH, FREEPORT NY IT CONSULTANT | February 2008 – November 2013

Managed office cabling and built data centers from scratch. Significantly increased infrastructure failover and reduced operational downtime, leading to increased application availability.

DP WORLD CAUCEDO SYSTEM ENGINEER & NETWORK ADMIN | October/2003 – May/2007

Managed IT infrastructure: HP/Dell laptops, desktops, and servers (PowerEdge, ProLiant) – racking, configuring Windows Server, patching, updates

Disk cloning (Norton Ghost, Acronis) and OS installations (Windows XP/7/10/Server, Linux Fedora/Ubuntu/SUSE) • Deployed LAN and structured cabling (UTP & Fiber Optic) Configured Cisco Catalyst switches (VLANs, IOS updates, backups) and routers (RIP, OSPF, EIGRP, PPP, NAT) Set up Wireless APs (Cisco, Linksys WRT54G/WAP54G) Managed Microsoft Infrastructure:

Active Directory (Domain Controllers, OUs, GPOs, backup/restore) DNS (zone management), WINS, DHCP (scopes, fault tolerance) Network Services (FTP, Web, Print, File servers)

Implemented: Routing & Remote Access (NAT, VPN) • High availability (Cluster Servers, DFS)

E D U C A T I O N

CERTIFICATIONS: CompTIA A+ Certified CompTIA Security+ CISCO NETWORK ASSOCIATE (CCNA) (Install, conf, & troubleshoot Cisco networks devices) Panduit Network (Formerly Voice and Data Cabling) Test Out (Managing & Maintaining Windows Server 2003) Test Out (Planning a Server 2003 Network Infrastructure) Test Out (Implementing an Active Directory Infrastructure) Test Out (Installing, Configuring & Admin Windows 7 Pro.) Test Out (Installing, Configuring & Admin Windows XP Professional) HP IT Essentials I HP IT Essentials II GNU/Linux Structure Linux Red Hat 7 Network Security I Network Security II

EDUCATION: A+ Certification Course, Per Scholas Institute for Technology (05/2013) CCNA Certification Course, Borough of Manhattan Community College (06/2013) Computer and Network Technician, ITLA Technology Institute (04/2004) Diploma in Management of Operations, Dominico Americano University (12/2002) Diploma in Industrial Mechanic, INFOTEP (Basic of industrial mechanics, Lathe & Milling machines operator, Tools sharpener and Machines maintenance)

AI TRAINING & EDUCATION: OpenAI Academy courses in prompt engineering and workflow automation Google Cloud AI use cases and implementation strategies Prompt structure research and optimization techniques LLM fine-tuning and deployment methodologies.