Juan Segundo Guzzardi

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# Professional Summary

Computer Engineering student with strong expertise in Linux systems, DevOps, web development, and a deep passion for cybersecurity and networking. Experienced in designing and deploying scalable web applications using Django and RESTful APIs, with solid background in secure system architecture.

Skilled in Docker, Kubernetes, Ubuntu Server, and security hardening. Hands-on knowledge in network protocols, firewall configuration, VPNs, VLANs, and cloud traffic tunneling using FRP. Familiar with offensive and defensive cybersecurity practices, cryptography, and industry standards such as ISO 27002, NIST 800-53, and CIS Benchmarks.

Seeking to grow in a cybersecurity or infrastructure-oriented environment, contributing with strong technical foundations and an ongoing learning mindset.

# Experience

Freelance Full Stack Developer (Django)

Remote — 2022 to Now

- Developed full-stack web applications using Python and Django

- Managed frontend integration with backend APIs and databases

- Handled external API integrations for business logic

- Implemented secure login systems and deployed apps on Linux servers

Web Developer - ONG Reforestación Alimentaria

Buenos Aires, Argentina — 2023 to Now

- Developed and maintained the organization’s website

- Integrated Mercado Pago API for secure online donations

- Managed website content updates and basic SEO

Website: https://reforestacionalimentaria.org/

# Education

Computer Engineering

University of Palermo (Argentina) — In progress

Certifications:

- Udemy: C++, Ethical Hacking

- Harvard/edX: Django Full Stack Development

- Coderhouse: JavaScript Web Development

# Cybersecurity Knowledge

Web Security:

- Session management, JWT, CSRF protection, CORS

- HTTPS, TLS 1.2/1.3, RSA & AES encryption

- Firewall rules, rate limiting, IP banning

- Reverse proxies, WAF, DDOS mitigation

- SHA256, file integrity validation

Network & Infra Security:

- VLANs, ACLs, IAM, NAC, VPNs, MFA/OTP

- WAF, IDS/IPS (e.g. Snort, Suricata), SIEM, DLP, DAM

Offensive & Threat Awareness:

- SQL Injection, XSS, MITM attacks

- DDoS (botnets), ransomware, cryptojacking, phishing

- Hydra brute-force, code unassembly

Compliance & Standards:

- ISO/IEC 27002, NIST SP 800-53, CIS Controls, CIS Benchmarks

# DevOps & Infrastructure

Containerization & Orchestration:

- Docker: custom image building, volumes, networks, secrets

- Docker Compose & Docker Hub image publishing

- Kubernetes: pods, services, deployments, namespaces

- Helm basics, cluster monitoring

Deployment & Automation:

- Systemd services for background processes (Debian/Ubuntu)

- Nginx + Gunicorn as reverse proxy & WSGI server

- Bash scripting for automation

- Secure deployment of Django/Node apps on VPS (Linux)

Cloud Networking & Traffic Redirection:

- Public-to-private traffic tunneling using FRP

- Self-hosted DDNS alternatives

- Port forwarding, NAT traversal, cloud firewall configs

# Technical Skills

Languages: Python, JavaScript, C/C++, Java, C# (.NET Core), HTML/CSS

Frameworks: Django, Flask, Bootstrap, .NET Web APIs

Databases: PostgreSQL, SQL Server, Neo4j, PL/SQL

Tools: Git, Docker, Kubernetes, Nginx, Gunicorn, SSH, FTP

OS & Environments: Linux (Ubuntu Server, Debian, Kali Linux), Windows, WSL

# Soft Skills

- Teamwork & communication

- Problem-solving & initiative

- Agile methodologies (Scrum)

- Documentation & organization

# Contact

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