

# DAN BORGOGNO

## Security Researcher & Security Engineer

@ danborgogno@gmail.com  
github.com/danborgogno

+54 9 358 4384 096

Córdoba, Argentina

linkedin.com/in/danborgogno

## PROFILE

---

Security Engineer and researcher with 12+ years of experience in offensive security, cloud architecture, and automated security platforms. Led security programs for fintech and cyber-insurance companies, architected AI-powered vulnerability assessment platforms, and discovered critical vulnerabilities in national infrastructure. International speaker at DEF CON (main track) and ekoparty. Expert in Android security, reverse engineering, and payment systems.

## EXPERIENCE

---

### Principal Security Engineer / Acting CISO

#### Latu Seguros, Córdoba

Oct 2022 – Aug 2025

Cyber-insurance startup

- Architected and led all security initiatives, establishing comprehensive security program from ground zero
- Built enterprise-grade AWS security (IAM, Cognito, GuardDuty, CloudWatch, Config, S3, VPC) and deployed CrowdStrike EDR
- Performed security code reviews and penetration testing across all production systems
- Architected AI-powered automated attack-surface assessment platform: distributed orchestration managing multiple security tools (Nmap, Nuclei, Burp Suite), automated security assessments, integrated Anthropic Claude LLM with agentic framework, and developed proprietary scoring algorithms
- Led security assessments for enterprise clients and executed manual penetration tests for major financial institutions

---

### Security Engineer (Red/Blue Team & Architecture)

#### NaranjaX, Córdoba

Apr 2020 – Oct 15, 2022

Fintech / Digital Banking

- Led penetration testing and security assessments for critical financial services infrastructure
- Enhanced threat detection capabilities across red and blue teams, reducing mean time to detection
- Architected secure system designs and established security training programs

---

### Back-end & Cloud Services Developer

#### MercadoLibre, Córdoba

Feb 2019 – Apr 2020

E-commerce and logistics platform

- Developed high-throughput backend systems (Java & Go) for logistics operations serving millions of transactions
- Built scalable microservices and REST APIs leveraging distributed data stores and AWS infrastructure

---

### Front-end Developer

#### Globant, Córdoba

Oct 2014 – Aug 2015

Software consulting

- JavaScript developer for Southwest Airlines' main website, developing single-page applications
- Daily collaboration with U.S. stakeholders in English

## Java Developer / SDL Champion

**McAfee (Intel Security), Córdoba**

⌚ Aug 2015 – Jul 2019

📍 Cybersecurity product division

- Developed core components for McAfee Active Response, a leading enterprise threat detection platform
- Served as Security Development Lifecycle Champion, establishing secure coding standards
- Led global threat-hunting engineering team as Scrum Master

---

## Freelance Web Developer

**Independent, Río Cuarto**

⌚ 2010 – Oct 2014

- Dynamic website development: analysis, design, implementation, and testing adapted to customer requirements
- Content management system development

---

## Freelance Security Consultant & Researcher

**Independent, Córdoba**

⌚ 2013 – Present

- Custom penetration testing and security audits for enterprise clients
- Expert in Android application security using Frida and reverse engineering (Ghidra, JADX)
- Discovered critical vulnerabilities in SUBE (national transportation) and DNI Digital Argentino (national digital identity)

## SECURITY RESEARCH & TALKS

---

- **DEF CON (Main Track, 2024)** — "Invisible Transactions: Hacking Screenless Bluetooth POS Devices" (with Ileana Barrionuevo). Research on mobile POS vulnerabilities impacting IoT, NFC, and EMV payment security
- **Ekoparty 2020** — "Hacking the Digital DNI" (Best Talk Award). Security research on Argentina's national digital identity system
- **Ekoparty 2019** — "Free rides! SUBE, REDBUS, SATBUS and others" (Best Talk Award). Vulnerabilities in national transportation payment systems

## TECHNICAL SKILLS

---

Offensive Security

Penetration Testing

Reverse Engineering

Cloud Security

Android Security

Web Security

---

**Languages:** Go, Java, Python, Kotlin, Ruby, C/C++, Assembly, JavaScript/TypeScript, Bash, SQL

**Cloud & Infrastructure:** AWS (IAM, Cognito, GuardDuty, CloudWatch, Lambda, EC2, S3, VPC), Docker, Kubernetes, Terraform

**Offensive Tools:** Burp Suite, Nmap, Metasploit, Nuclei, SQLMap, GraphQL testing, Wireshark, Hashcat, Hydra

**Reverse Engineering:** Frida (expert), Ghidra, IDA Pro, JADX, APKtool, Objection, MobSF

**Defensive Security:** CrowdStrike EDR, ELK Stack, AWS GuardDuty, CloudWatch, Google Workspace

**Methodologies:** OSCP-level testing, OWASP Top 10, PTES, threat modeling, secure SDLC, red/blue team exercises

## EDUCATION

---

National University of Río Cuarto, Córdoba

**Computer Science / Systems Analyst**

⌚ 2008 – 2014

📍 GPA 7.3/10

## AWARDS & RECOGNITION

---

- Best Talk Award — Ekoparty 2019 & 2020
- DEF CON Main Track Speaker — 2024

## LANGUAGES

---

Spanish (Native)

English (Advanced / Professional)