

VALENTINA RAMÍREZ

Fullstack Developer (Django + React) · Application Security · Bilingual ES/EN

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PROFESSIONAL SUMMARY

Fullstack developer with over two years building real-world digital products using Django REST Framework, PostgreSQL, and React. Founder of Lúmina W. I integrate functional AI through the Claude API and apply a security-by-design approach. Bilingual Spanish/English (B2).

TECHNICAL SKILLS

Backend: Python · Django · Django REST Framework · PostgreSQL · JWT · REST APIs

Frontend: React · TypeScript · JavaScript · Tailwind CSS · Astro

Security: OWASP · MITRE ATT&CK · PTES · Pentesting · Secure Development

AI & Tools: Claude API · Prompt Engineering · n8n · Git · Linux · Postman · CI/CD

WORK EXPERIENCE

Lógica — Frontend Developer & UI Tester Oct 2025 – Dec 2025 · Medellín, Colombia · Remote

- Built reusable components with React and integrated REST APIs into real-world products.
- Ran UI and functional testing on Be Kind Network, Newo, and Lógica, documenting over 50 bugs and inconsistencies.

Amazon — Bilingual Agent Sep 2024 – Feb 2025 · Medellín, Colombia · Remote

- Supported customers in English and Spanish in high-volume environments, developing clear technical communication under pressure.

TECHNICAL PROJECTS

TerraCore [Live] — terracoreapp.co · app.terracoreapp.co

Python · Django REST Framework · PostgreSQL · JWT · React · TypeScript · Tailwind CSS

- B2B SaaS for digitizing agricultural operations in Colombia, a sector with a critical technology gap.
- Multitenant architecture: each company accesses its data in isolation on a single instance.
- Modules in development: input inventory with automatic rotation, batch production, animal health, and a real-time dashboard.
- REST API with JWT authentication, role-protected endpoints, and serialization with DRF.
- Frontend in React + TypeScript consuming the in-house API; responsive design with Tailwind CSS.
- Complex relational modeling: products, batches, animals, users, and organizations in PostgreSQL.

NullBreach [Live] — wavival.dev/nullbreach · github.com/wavival/nullbreach-api

Python · Django REST Framework · PostgreSQL · JWT · Claude API · React · TypeScript · Astro

- Fullstack security application with JWT authentication and session management.
- Code-snippet analysis engine against the OWASP Top 10: detects common vulnerabilities such as SQL injection, XSS, hardcoded secrets, and insecure error handling.
- AI chat integrated via the Claude API with persistent conversation context and per-user history stored in the database.
- Decoupled backend in Django REST Framework; frontend in Astro + React with TypeScript.
- Authentication-protected endpoints; paginated responses and caching of frequent queries.

Root [Live] — wavival.dev/root

Python · Django REST Framework · PostgreSQL · React · Claude API

- PWA for people with dietary restrictions (celiac disease, type 2 diabetes, lactose intolerance).
- AI nutrition-label scanner: the user photographs a product and Claude analyzes the ingredients against their restriction profile.
- Curated recipe system with strict filtering across multiple simultaneous conditions.
- Offline-first consumption diary with later synchronization to the backend.
- Persistent health profile that personalizes all model responses.

Forgotten Portal [Laboratory] — github.com/wavival/forgotten-portal-writeup

Nmap · Gobuster · Netcat · Python · MITRE ATT&CK · PTES · Linux · DockerLabs

- Complete offensive pentesting exercise on a virtual machine in DockerLabs.
- **Phases:** reconnaissance with Nmap and Gobuster, exploitation of an unvalidated PHP upload, reverse shell with Netcat, privilege escalation to root.
- Vulnerabilities identified and classified: CWE-615 (information in comments), CWE-434 (unrestricted upload), CWE-312 (cleartext credentials), CWE-321 (hardcoded key), CWE-269 (excessive privileges).
- Documented with PTES methodology and TTPs mapped to MITRE ATT&CK. Writeup published.

EDUCATION

Universidad EAFIT | *Nodo Nov 2025 – Apr 2026*

- *Cybersecurity Diploma (SOC Operations)*

SENA | *Oct 2025 – Dec 2027*

- *Technologist Degree in Software Analysis and Development (ADSO) · In progress*

Platzi | *Jun 2025 – Present*

- *Django · React · AI Development · In progress*

Universidad de San Buenaventura | *Aug 2023 – Nov 2027*

- *Bachelor's Degree in English Language · In progress*