Nestor Bracho

Senior Python/Django Engineer | Backend & System Architecture | AI/ML Integration

Madrid, Spain · +34 645 30 84 65 · nestorbracho2207@gmail.com · linkedin.com/in/nestor-bracho

SUMMARY

Senior full stack engineer with 12+ years building web platforms in Python and Django, focused on backend design, system architecture and bringing AI into real products. Since 2022 I have worked as a consultant for the World Bank Group, building community-driven and climate-focused data platforms used across several African countries. I integrate LLMs and ML models (Hugging Face) into production systems and work AI-first day to day with Claude Code and the BMAD Method. Open to senior and staff backend, full stack or AI-oriented engineering roles, remote or hybrid in Madrid.

PROFESSIONAL EXPERIENCE

Senior Full Stack Engineer & System Architect
Jun 2023 – Present

World Bank Group · Contract — *Madrid · Remote*

- Backend architecture and development of the Community-Driven Development (CDD) platform, which improves communication and resource management between communities and governments in African countries. Led the 2024 phase focused on scaling, new data analytics tools and usability.
- Built the Climate Vulnerability Portal, a platform that monitors the impact of climate change on socio-political activity in African countries.
- Building an offline-first participatory monitoring platform (Django REST + React Native/Expo): JWT authentication, versioned mobile API, batch sync contracts, local SQLite storage and a dynamic form engine. Developed AI-first with Claude Code and the BMAD Method, backed by contract-locked testing (OpenAPI, pytest, Jest, Maestro E2E).
  Stack: Python, Django, Django REST Framework, PostgreSQL, Angular, React Native, AWS

Full Stack Developer & System Architect
May 2024 – Dec 2024

Ekwi-three GmbH · Freelance — *Remote*

- Designed the backend architecture of a content management platform that uses machine learning models to process and organize large volumes of resources for end users.
- Integrated Hugging Face models into the processing pipeline.
  Stack: Python, Django, Hugging Face

Senior Full Stack Engineer
Jan 2022 – Sep 2023

Selia · Full-time — *Remote*

- Designed and built Selia's full payment platform and B2B platform, owning the backend architecture.
- Integrated payment gateways (Stripe) and optimized the infrastructure for scalability and reliability as the business grew.
  Stack: Python, Django, Django REST Framework, PostgreSQL, AWS

Full Stack Developer
Dec 2022 – Mar 2023

World Bank Group · Freelance — *Remote*

- Developed a portal supporting the reintegration of 900 women associated with armed groups in Mali, part of the Reintegration of Ex-Combatants Project led by the Government of Mali and administered by the IBRD.

Senior Python Developer
Jun 2021 – Dec 2021

LSV-Tech (client: Nokia) · Full-time — *Remote*

- Built new features and maintained the Django codebase of Nokia's Zina product (CRM/ERP).

Lead Software Engineer
Jan 2015 – Jun 2021

Turpial Development · Full-time — *Caracas, Venezuela*

- Led development teams delivering custom software for clients in Europe, the US and Latin America.
- Owned the AWS architecture (EC2, Elastic Beanstalk, RDS, Route 53, S3), including load balancing and auto-scaling.
- Selected projects: GIS platform for the IUCN Red List of Ecosystems (UK), VenezuelaSinFiltro (internet censorship measurement), Oterca (air filtration optimization engine with live data integrations) and SteamEnergy (industrial steam trap monitoring).

Full Stack Developer Jan 2013 – Dec 2014

Turpial Development · Full-time *Caracas, Venezuela*

- Web and mobile projects: a custom ERP for a professional photography company, an on-demand moving services app (Denver, US) and a social media platform.
  Stack: Django, MySQL, JavaScript, PhoneGap

TECHNICAL SKILLS

Backend: Python, Django, Django REST Framework, Celery, Redis, REST API design, NestJS
AI & ML: LLM integration, Hugging Face, Generative AI, AI-assisted development (Claude Code, BMAD Method)
Data: PostgreSQL, MySQL, data modeling, query optimization
Cloud & DevOps: AWS (EC2, RDS, Lambda, Elastic Beanstalk, S3, CloudFront, Route 53), Docker, Linux, CI/CD
Frontend & Mobile: Angular, TypeScript, JavaScript, React Native (Expo)
Testing: pytest, Jest, Maestro, OpenAPI contract testing

CERTIFICATIONS

Master AI Spec-Driven Development with BMAD Method · **Udemy** Jun 2026
Credential ID: UC-5a8ad8a3-f861-4390-8fe0-b6b33e4dfea7

EDUCATION

Systems Engineering studies · Universidad Metropolitana, Caracas
Computer Science studies · Universidad Nueva Esparta, Caracas

LANGUAGES

Spanish (native) · English (C1, full professional proficiency)