

DANIEL ESCOBAR ARAUJO

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Full Stack Software Engineer with 4+ years of experience building and delivering end-to-end web and mobile products. Strong expertise across backend and frontend development using Python, Django, React, and TypeScript, with solid experience deploying scalable systems on AWS. Proven ability to take products from idea to production, integrating AI-driven features, optimizing performance, and collaborating with cross-functional teams in fully remote, international environments.

SELECTED ACHIEVEMENTS

Implemented AI-powered automation features that significantly reduced manual operational workload for healthcare and legal teams.

Optimized backend services and database queries, achieving up to 30% reduction in response times.

Designed and maintained production-ready cloud infrastructures on AWS supporting complex, high-availability workflows.

CORE TECHNICAL SKILLS

Backend: Python, Django, Django REST Framework, PostgreSQL, AWS, Docker

Frontend: React, TypeScript, Redux, HTML/CSS

Additional Experience: Node.js, Laravel, Redis, Celery, OpenAI API, Stripe API, Firebase, WebSockets (Django Channels), AWS Lambda, ECS, S3, SQS, CloudWatch, CI/CD

Soft Skills: Leadership, Effective Communication, Problem Solving, Team Collaboration, Time Management

Languages: Spanish (Native), English (Advanced)

EXPERIENCE

Health 'N Sync

Backend Engineer

Aug 2025 – Present

Atlanta, GA, US (Remote)

- Developed and maintained backend services for a medical coordination platform used by personal injury law firms
- Designed and optimized APIs and user-facing workflows supporting case management, treatment tracking, and communication between care coordinators, providers, and legal teams.
- Implemented AI-powered features for document data extraction, case triage, and workflow automation.
- Collaborated with frontend and product teams to ensure secure and consistent data flow across platforms.
- Tech stack:** Python, Django, Django REST Framework, PostgreSQL, AWS, Docker, OpenAI API

Lumston - Point B

Software Engineer

March 2025 – Present

Guadalajara, JAL, MX (Remote)

- Built and maintained scalable RESTful APIs and collaborated closely with frontend teams to deliver complete product features using Django and Django REST Framework.
- Implemented serverless and event-driven solutions with AWS Lambda, S3, and SQS.
- Optimized PostgreSQL queries and schema design, reducing query latency by over 30%
- Deployed and monitored services using AWS ECS and CloudWatch, improving system reliability and observability
- Worked in an Agile environment contributing to CI/CD pipelines and secure data handling practices.
- Tech stack:** Python, Django, PostgreSQL, AWS, Docker, React, TypeScript, Celery

Alluxi

Software Engineer

May 2022 – March 2025

Monterrey, NL, MX (Remote)

- Led and contributed to multiple full stack projects from product design through frontend and backend implementation to production.
- Improved AWS deployment processes, reducing load times and increasing application uptime.
- Collaborated with cross-functional teams using Agile methodologies and Jira.
- Tech stack:** Python, Django, React, AWS, PostgreSQL, PHP, Laravel, React Native

BIIDA Technology

Software Developer

Jan 2022 – May 2022

León, GTO, MX

SELECTED PROJECTS

Health n Sync Platform | *Python, Django, PostgreSQL, AWS, Docker, Celery, Redis, OpenAI API*

- Backend development for a healthcare case management system coordinating providers, law firms, and clients.
- Designed RESTful APIs with authentication, role-based access control, and complex business logic.
- Integrated OpenAI-based solutions for medical document processing and automated summaries.
- Optimized PostgreSQL using indexing, read replicas, and vector search.
- Implemented asynchronous task processing with Celery and Redis for background jobs, HubSpot CRM integration, and automated notifications.
- Deployed and managed production services on AWS using Docker, ensuring high availability and scalable infrastructure.

Acolyte Health | *Python, Django, PostgreSQL, Redis, AWS, WebSockets, Twilio, SendGrid, Synthesia, D-ID, ElevenLabs*

- Contributed to the development of a web-based healthcare education platform focused on AI-powered.
- Built and maintained backend services and APIs to support personalized video content delivery and user workflows.
- Collaborated on frontend features to ensure smooth user experiences across patient and provider-facing interfaces.
- Integrated third-party services for notifications, payments, and media workflows, ensuring secure and scalable operations.
- Worked closely with product and design teams to deliver end-to-end features aligned with healthcare compliance and usability standards.

Zplendid | *React.js, React Native, Redux, TypeScript, Django, Python, Firebase, OpenAI, Stripe, PostgreSQL*

- Developed a mobile app for a bariatric clinic to manage appointments, payments, patient progress, and dietary plans using React Native, Redux and TypeScript.
- Integrated OpenAI models to provide AI-driven support for users.
- Created user-friendly interfaces with a strong focus on UX and role-based access.
- Built a backend with Django REST Framework, managing users, roles, notifications, chat, cronjobs, and payments through Stripe.
- Developed two websites with React: one for app information and the other as an admin dashboard for managing content and users.

EDUCATION & CERTIFICATIONS

National Technological Institute of Mexico

Aug 2018 - May 2023

Bachelor's Degree in Software Engineering

León, Guanajuato

- **Relevant Coursework:** Data Structures (Java), Prob & Stat (Python), Object Oriented Programming (Java), Simulation (Python), Advanced Databases (SQL), Software engineering, Cloud Computing (AWS), Data Science
- **Specialization:** Cross-platform Development of Enterprise Applications

IBM

Jan 2025

Applied DevOps Engineering

- **Course Certificates Completed:** Application Development using Microservices and Serverless, Continuous Integration and Continuous Delivery (CI/CD), Application Security for Developers and DevOps Professionals, Monitoring and Observability for Development and DevOps