

AIDEN LIAM DE CASTRO

Full-Stack AI Developer | Enterprise AI Implementer | Technical Team Lead

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PROFESSIONAL SUMMARY

Full-Stack AI Developer and Technical Team Lead specializing in enterprise AI adoption, cloud infrastructure, machine learning systems, and AI-enabled XR solutions. Experienced in governing AI programs, managing licensing and implementation pipelines, migrating AWS environments with Terraform, and delivering production applications for internal teams and complex enterprise clients. Combines hands-on engineering across Python, React, FastAPI, AWS, computer vision, and LLM integrations with cross-functional leadership and stakeholder management.

TECHNICAL SKILLS

AI / ML: ChatGPT API, Claude AI, HeyGen, ElevenLabs, Stable Diffusion, LangChain, Hugging Face, TensorFlow, PyTorch, YOLO, OpenCV, AWS Rekognition

Cloud / DevOps: AWS (Lambda, ECS, EC2, S3, Cognito, SageMaker), Azure, Docker, Terraform, IaC, CI/CD

Development: Python, JavaScript, SQL, React, Next.js, Flask, FastAPI, Node.js, PHP, WordPress, HTML5, CSS, Replit, Claude Code

Data / Design: PostgreSQL, MongoDB, DynamoDB, SQL Server, Figma, Adobe Creative Suite, audiovisual production

Leadership: AI governance, enterprise adoption, team leadership, Agile/Scrum, stakeholder management, project coordination

PROFESSIONAL EXPERIENCE

AI Implementer | Grupo Business IT | May 2026 - Present

- Manage AI infrastructure, licensing, machine learning algorithms, and implementation pipelines.
- Lead enterprise AI adoption through governance, system controls, rollout practices, and hands-on troubleshooting.
- Develop AI applications for internal initiatives and client projects; support adoption for Diners Club Peru, Produbanco, Manuelita Peru, and Qroma.

Applied AI Engineer (Part-time) | EON Reality | Jan 2026 - Present

- Co-led the transition from EON XR to EON AI Ventures within a 10-person team responsible for development, integration, migration, brand, and product transformation.
- Led AWS migration and CI/CD orchestration using Terraform.
- Developed AI-enabled XR learning solutions, including headless course creation, HeyGen integrations, and workflows combining AI with 3D models.
- Integrated computer vision for live control, monitoring, and assessment using YOLO, vision-capable LLMs, and AWS Rekognition.
- Delivered tailored SaaS and XR training solutions for enterprise clients including Exxon in the UAE and Aramco.

Full-Stack AI Developer & Technical Team Lead | Christian Zurita - VP Digital & Media, Kinesso | Jun 2023 - Dec 2025

- Led a team of 5 engineers building AI-powered web applications with Python, Flask/FastAPI, React, and Next.js.
- Integrated ChatGPT, local LLMs, Stable Diffusion, and custom LoRAs, reducing content production time by 70%.
- Architected AWS infrastructure with Terraform, reducing infrastructure costs by 30% and delivering 8 production applications with 99.9% uptime.

Software Development Intern | Cooperativa Crea | 2022 - 2023

- Optimized core modules, administered SQL databases, improved complex queries, and resolved firewall and network issues.

Freelance Web Developer & Audiovisual Producer | Multiple Clients | 2018 - 2022

- Engineered 15+ websites, managed VPS infrastructure with SSL and CDN configuration, and developed brand identities for 10+ businesses.

Web Developer | VASEGIN CIA LTDA | 2018 - 2019

- Developed and maintained a corporate website with a custom PHP backend, technical support systems, and optimized database performance.

English Instructor | Meridian Language School | 2018 - 2020

- Taught English to 50+ students at B2 proficiency level through personalized curricula.

EDUCATION

Bachelor of Software Engineering - Universidad Politecnica Nacional, Quito, Ecuador | 2026

IELTS English Certificate - B2 Level, Education First | 2019

CERTIFICATIONS

AWS Certified Machine Learning Engineer - Associate - Amazon Web Services | Sep 2026

CCAR-F Claude Certified Architect - Anthropic | 2026

AWS Machine Learning Nanodegree - Udacity | Apr 2025 - Nov 2025

AI Programming with Python Nanodegree - Udacity | Oct 2024 - Feb 2025

Generative AI with AWS Nanodegree - Udacity | Sep - Nov 2024

GitHub Foundations Certification - Microsoft / GitHub | 2024

CCNP: Advanced Routing Badge - Cisco | 2024

SELECTED PROJECTS

AI-Powered Content Generation Platform | |

- Built a full-stack ChatGPT and Stable Diffusion application deployed via AWS Lambda with Cognito authentication, reducing content production time by 70%.

Local AI Model Deployment | |

- Configured and deployed DeepSeek R1, LLaMA, and Stable Diffusion for private local inference on custom hardware.

Amazon DeepRacer Student Competition | |

- Developed and trained reinforcement learning models for autonomous vehicle racing simulation.

LANGUAGES

Spanish: Native | English: Professional Working Proficiency (C1; B2 IELTS Certified) | German: A1