

Eduardo Cortes-Landa

Applications Software Engineer

San Diego, CA, United States | [LinkedIn](#)

Full-stack software engineer with 6+ years building compliance platforms, energy trading systems, and blockchain applications. Experienced in React, Node.js, AWS, and shipping production features at scale.

EXPERIENCE

Applications Software Engineer Ideagen	May 2023 — Jul 2026 <i>Remote, USA</i>
Built QMS and EHS compliance web applications automating inspections and document workflows for 4+ concurrent clients serving ~10k end users. Delivered features on 2-week Agile sprints with 95%+ first-iteration client approval. Led data migrations across 10k+ records at 99% accuracy and translated compliance requirements into production UI and backend logic within a shared SaaS platform.	
Co-Founder and Software Engineer Power Synch By American PowerNet	Oct 2019 — Feb 2025 <i>Remote, USA</i>
Designed and launched a full-stack energy bidding platform that saved consumers an average of \$45K through optimized bid matching. Built real-time pricing pipelines ingesting future energy prices from 10+ ISOs and developed core trading infrastructure including real-time notifications, REST APIs, and low-latency bid processing. Maintained 99% uptime during live bids through continuous testing and monitoring.	
Software Engineer Blockparty	Oct 2017 — Sep 2019 <i>Nueva York y alrededores</i>
Built a smart contract generator that auto-deployed ERC-721 ticketing contracts to Ethereum, minting tickets as unique NFTs for events with 500 to 10k attendees. Developed a Golang backend managing the full ticket lifecycle and automated wallet creation for ~5K users. Maintained SQL and MongoDB databases and managed Kubernetes clusters with Docker containerization to streamline release pipelines.	

EDUCATION

Georgia Institute of Technology <i>Master of Science - MS in Computer Science</i>	Aug 2025 — Jun 2029
San Diego State University <i>Bachelor's degree in Mechanical Engineering</i>	Aug 2015 — Dec 2021

PROJECTS

Random Forest classifier for daily buy/sell signals , Stock Trading Signal Generator
Built a Random Forest classifier on technical indicators including RSI, Bollinger Bands, and moving average crossovers to generate daily buy and sell signals. Tuned hyperparameters to match a rule-based baseline's performance and diagnosed out-of-sample overfitting through quantitative analysis of transaction-cost sensitivity.

CERTIFICATIONS

GD, GD&T Basics	Dec 2016
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SKILLS

Microsoft Office · Microsoft Word · Project Management · Administración y dirección de empresas · Gestión de proyectos · Investigación y desarrollo · Public Relations · 3D Printing · Microsoft Excel · Microsoft PowerPoint · PTC Creo · SolidWorks · Solidity · MATLAB · Customer Service · Liderazgo · Public Speaking · Communication · Cryptocurrency · Oratoria · JavaScript · TypeScript · Node.js · React · Next.js · Python · Golang · AWS · Docker · Kubernetes · SQL · MongoDB · Redis · scikit-learn · PyTorch · REST API Design · Unit Testing · Integration Testing · Agile · Scrum · OpenZeppelin · ML Modeling
