Anthony Cueva

Software Engineer

Lima, Peru | +51 912 851 377 | hi@cueva.io

www.cueva.io | linkedin.com/in/cuevaio | github.com/cuevaio | x.com/cuevaio

---

EXPERIENCE

Software Engineer | PCI Energy Solutions   Since Jan. 2024 (1 yr.) | Remote, US
www.pcienergysolutions.com

PCI offers software to major energy companies across the globe
- I collaborated with Business Analyst to define software requirements of Customer Partner Portal and Inputs Management Portal, two new products of PCI that require real time and collaborative data management
- I lead a team of two backend and two frontend engineers and shipped two web applications, and provided support to 1 more
- I built PCILink, an internal link management tool to manage confluence pages efficiently. Implemented semantic search powered by AI, making the avg time-to-doc search 4x faster

Stack: TypeScript, React, Next.js, Java, Spring Boot, AWS S3, Auth0, PostgreSQL, Redis, Docker, OpenAI

Co-founder | Crafter Station   Since Nov. 2023 (1.5 yr.) | Remote, Peru
www.crafter-station.com

My friends and I are building open source software to improve folks' lives by leveraging AI and code
- We created Semantik Studio, an AI Powered Database assistant. Connect with your database in seconds and start asking questions in natural language: "how many users joined this week"? Internally, our AI Agent will generate the SQL query to obtain the data you want to see. 100% open source, 100% secure and privacy friendly.
- We're passionate about optimized learning apps like Math Academy and Duolingo, which use clever techniques to help people learn effectively. That's why we created Gradual - a platform that turns any learning material into an AI-powered, optimized course using spaced repetition. Simply upload your content, and let Gradual transform it into an engaging learning experience that maximizes your retention.

Stack: SQL, Python, TypeScript, Go, React, Next.js, React Email, PostgreSQL, Drizzle, Xata, Supabase, Neon, Upstash Redis, OpenAI, DeepSeek

Full Stack Developer | Primax   Feb. 2023 - Aug. 2023 (7 mo.) | Remote, Peru
www.primax.com.pe

Primax is one of the most important energy companies in Peru and Ecuador
My most significant project was to build a unified platform to manage and automate hiring requests and processes while keeping stakeholders informed. Some features include:

- Every contributor within the appropriate range can create a hiring request. Authorized contributors from the HR department can approve or deny requests (Approvals are now 200% faster).
- The Recruiting team manages the hiring processes, updating the recruiting funnel, setting information for the finalist candidates, and establishing evaluation criteria (Emails are sent when the information is updated).
- Both the Recruiting team and the contributor who made the hiring request evaluate the finalists.
- All actions are logged, ensuring traceability and security.

Stack: SQL, Python, TypeScript, React, Next.js, React Email, SharePoint, PostgreSQL

Full Stack Developer | Hunter Lojack   Jul. 2022 - Dec. 2022 (6 mo.) | Lima, Peru
Hunter Lojack offers security and localization services for vehicles

- Built an API with utilities to handle database migrations of service orders 400% faster
- Built web pages for internal dashboards for the Marketing and Sales departments
- Created reports extracting insights from the databases with SQL queries

Stack: Python, JavaScript, SQL, PHP, React, Next.js, Laravel, Node.js, Express.js, Microsoft SQL Server, cPanel, Microsoft Excel

UI Developer | Independent   Nov. 2021 - Feb. 2022 (4 mo.) | Lima, Peru
Worked with local businesses

- Create landing pages for AquaXtreme swimming school, Pitagoras pre-college academy, and more

Stack: HTML, CSS, JavaScript, React

EDUCATION

UTEC | B.Sc. Civil Engineering   2019 - 2024 | Lima, Peru
UTEC (University of Engineering and Technology)

- Thesis: Methodology for estimating the risk of road conflicts on discontinuous bicycle lanes using Computer Vision and Microsimulation
- Head of Technology at ANEIC (National Association of Civil Engineering Students)
- Courses: Introduction to Computer Science with Python, Object-Oriented Programming with C++, Statistics and Probability with R, Linear Algebra with Scilab

Josh W Comeau | The Joy of React   Jan. 2023 - Feb. 2023
React.js course

- React Fundamentals, Working with State, React Hooks, Full Stack React with Next.js

**Harvard University | CS50's Web Programming
with Python and JavaScript**   Sep. 2021 - Dec. 2021
Harvard Online course

- Topics: design, scalability, security, and user experience, write and use APIs, create interactive UIs, and leverage cloud services like GitHub and Heroku

Harvard University | CS50: Introduction to Computer Science   Jul. 2021 - Sep. 2021
Harvard Online course

- Topics: abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering

INTERESTS

Computer Science, Software Engineering, AI, LLMs, Computer Vision, Databases, DX, UX, Web Development, A11y, A/B Testing, Product Teams, Startups, Open Source