

# Angelo Ortiz Vega.

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## PROFESSIONAL PROFILE

I am a software engineer with over four years of experience developing digital products, combining technical expertise with a strong understanding of business needs and user experience. I've worked with startups and organizations to build scalable, efficient systems using modern technologies. In parallel, I'm completing my degree in Computer Engineering at the Technological Institute of Costa Rica, which has reinforced my theoretical foundation and analytical skills. For the past three years, I've also worked as a university lecturer, teaching courses in Artificial Intelligence, Data Analysis, Full Stack Development, and UX Design. Keywords: Computer Engineer, AI & Data, Full Stack Development, University Lecturer.

## WORK EXPERIENCE

### **Associate Professor      Universidad Creativa de Costa Rica      Apr 2022 - Present**

Developed and delivered courses for the Advanced Technical Certificate in **Artificial Intelligence**, Advanced Technical Certificate in **Full Stack Web Development**, and the **UX Design** Certification, creating well-rounded programs that connect foundational theory with practical, real-world use cases. Key Contributions:

- Assessed student progress through periodic evaluations and provided tailored support to accommodate diverse learning styles.
- Enriched the learning experience by incorporating real-world case studies, collaborative projects, and innovative teaching methodologies.
- Mentored students in the development of capstone projects and functional prototypes aligned with current industry practices.
- Structured and authored the complete UX Design Certification program, including courses such as *Research for Digital Experiences*, *Solution Ideation*, *Design Principles*, and *Interaction & Usability*.
- Taught core courses within the AI Certification Program, including *Python for AI*, *Applied Artificial Intelligence*, and *Fundamentals of Machine Learning & Deep Learning*.

### **Software Engineer      Self Employed - Freelancer (WFH)      Jun 2020 - May 2024**

Developed modern, efficient, and maintainable software solutions for startups and small businesses, combining technical execution with product thinking. Projects ranged from *websites and inventory systems to machine learning tools and mobile applications*. Provided end-to-end services, including ideation support, development, testing, and client communication. Key Projects and Collaborations:

#### **Full Stack Developer – Qubo Systems (8+ months)**

- Built and maintained backend and frontend components for internal tools and client-facing systems.
- Developed a user and collaborator management platform with role-based access.
- Designed and implemented machine learning models for salary classification in the education sector.
- Maintained active communication with technical and non-technical stakeholders to ensure alignment on goals and deliverables.

#### **Mobile & Web Developer – EasyHop (6 months)**

- Contributed to both mobile (driver) and web (passenger) applications for a ride-sharing startup.
- Conducted UX research to identify user needs and refine product features.
- Participated in the development and release of MVPs for both platforms.

## Other freelance work

- Delivered tailored digital solutions for diverse clients, including marketing websites, CMS integrations, and operational platforms.
- Advised clients on budget-aware technological choices and digital strategies.
- Tech stack: React, React Native, PostgreSQL, MongoDB, Firebase, Postman, Javascript, Typescript, Heroku, Hugo, Netlify, Python.

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## Electronic Technician      Closure Systems International (CSI)      Sep 2016 - Feb 2017

- Corrective and preventive maintenance of electrical equipment.
- Support to engineers in the development and design of electronic equipment that will improve the cap production process.
- Accompaniment in the elaboration of the main electrical maintenance plan of the plant.

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## ACADEMIC TRAINING

<b>Licenciatura de Ingeniería en Computadores</b> 2017 - In Progress	Instituto Tecnológico de Costa Rica
<b>Técnico Medio en Electrónica Industrial</b> 2014 - 2016	Colegio Técnico Profesional de Dulce Nombre
<b>Bachillerato en Educación Media</b> 2011 - 2016	Colegio Técnico Profesional de Dulce Nombre

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## CERTIFICATIONS

<b>Professional Development Program (PDP)</b> Nov 2024	Centro Universitario Miravalles
<b>Scrum Foundation Professional Certification - SFPC</b> Sep 2023	CertiProf International
<b>Full Stack Web and Multiplatform Development</b> Jul 2020	Coursera & The Hong Kong University
<b>Google IT Automation with Python</b> Jul 2020	Coursera & Google, LLC
<b>Google IT Support Professional Certificate</b> Jun 2020	Coursera & Google, LLC

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## NOTEWORTHY PROJECTS

- [angelortizv.com](https://angelortizv.com)      Personal blog exploring life, technology, UX, and AI.
- [angelortizv.me](https://angelortizv.me)      Online portfolio showcasing selected freelance and academic work.
- [ux-arc](#)      Curated knowledge base for UX topics.
- [ce-itcr](#)      Collection of academic and practical projects completed during my Computer Engineering studies at ITCR.