

Eduardo Casanova

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Summary

Experienced Full Stack Developer specializing in building elegant and scalable systems with a focus on maintainability.

Core values:

- Humans over tools
- Ideas over dogma
- Critical thinking and general solutions
- Balance in the pillars of life
- Learning for life
- Mentorship
- Leadership comes from caring, supporting and then leading

By prioritizing humans over tools, I strive to create user-centric solutions that enhance the overall experience. My passion for critical thinking and general solutions allows me to tackle complex problems creatively.

Quirks:

- I am a bookworm and a fan of the O'Reilly Editorial books. Here's my read list: (<https://www.litsy.com/web/stack/edca3899/read>)
- I am a Polyglot (Node.js, TS, Go, Rust, Solidity, Bash, SQL, Ruby)

My motto:

"I believe true engineering encompasses design, architecture, and unwavering dedication. Through meticulous attention to detail and continuous growth, I strive to exceed expectations and deliver exceptional results."

AWS:

- I've worked with tools ranging from simple EC2 deployments via Terraform, Pulumi and Crossplane to complex ones using EKS.
- EC2
- Lambdas
- K8s
- Cognito
- DynamoDB
- MemCache
- VPC
- Amplify
- Route53
- IAM
- S3

Open source projects:

- Kumo: # Your quick and easy cloud development environment (For now, only AWS compatible) -> <https://github.com/ed3899/kumo>
- Gimwork: Technical task for a startup I applied. Basically backend in node using aws cognito for authentication and authorization. MongoDB for the database and ReactNative for the frontend. Can't share because of NDA

Experience



Career Break

None

Nov 2022 - Jun 2023 (8 months)

I decided I needed to take my career to the next level. So I focused on developing skills mostly in the SRE and DevOps area.

I deepened my knowledge of:

- Ansible
- Python
- Go
- Packer
- Linux
- Docker
- K8s
- Terraform
- Pulumi
- Bash
- Chef and Puppet
- AWS

It all culminated in my first open source project. Kumo
<https://github.com/ed3899/kumo>



Full Stack Developer

Sterling Capital Brokers Ltd.

May 2022 - Nov 2022 (7 months)

- Executing user stories to support Sterling's core technical product
- Bug fixes and performance improvements
- Deploy AWS resources using cross plane. (K8s)
- Monitoring our EKS cluster
- Observability reporting with Prometheus and Grafana
- Tests to ensure quality releases
- Helping to refactor our existing platform to ensure reliability and scalability
- Improving quality assurance practices within my team
- Collaborating with senior team members to define, document and implement the software, software development best practices, infrastructure as code, release/test automation, observability and maintenance of SCB's Platform.
- Expected to have a broad understanding of SBC's technical landscape and can contribute across the various domains that comprise SCB's technical landscape.
- Assist with system design and implementation.
- Make suggestions and participate in decision making regarding the team's agile processes/practices.

Junior Information Technology Consultant

THinK Best Practice

Nov 2020 - Mar 2022 (1 year 5 months)

Help businesses:

- Analyze their current tech stack and identify gaps in their IT systems
- Evaluate migration to clouds such as AWS or Oracle.
- Worked with multiple AWS resources such as (EC2, VPC, Lambdas, Elastic Beanstalk, CloudWatch, DynamoDB)
- Design deployment diagrams(Terraform)
- Improve their IT security policies and controls
- Integrate with 3rd party SASS applications
- Data analysis, conversion and migration

Education

Zero To Mastery Academy

Software Engineer, Computer Programming

Jun 2019 - Jun 2033

This academy took me from nothing to being a lifelong computer science learner. I will always be thankful to Andrei Neagoie for being my first sensei.

Its courses may appear basic but they are the entry point for a lot of beginners who initially appear intimidated by the field of computer science.



Udemy Alumni

Software Engineer, Computer Science

Jun 2019 - Jan 2033

This site well packed with courses regarding almost everything in Computer Science.



Kode Kloud

Software Engineer, Computer Science

Mar 2022 - Mar 2033



Khan Academy

Khan Academy Advanced Mathematics, Advanced Mathematics Course

Jun 2021 - Feb 2022

- Algebra I,II
- Pre-calculus
- Trigonometry
- Linear Algebra
- Probability & Statistics
- Calculus (Integral & Differential)
- Multivariable Calculus
- Differential equations

Here's my profile



Universidad Modelo

Graduate, Physical Culture & Sports Training

2015 - 2019

The graduate of the degree in Physical Culture and Sports Training must have the skills of leadership, communication, respect for human life, high sense of responsibility and ethics, both in their work and their community.

- The ability to develop training cycles according to the physiological, biomechanical and specific needs of an activity or sport must also be developed, respecting its development and competitive stages.
- Implement prevention and rehabilitation strategies in the treatment of injuries related to physical activity and sports.
- Conduct research in the field of physical culture and sports training.



Irlanda English Academy

English Language

2007 - 2012

- Learned English as a second language.
- Took an exam approved by the Cambridge University called the FCE.
- I also hold a TOEFL

Licenses & Certifications



AWS Certified Developer Associate 2023 NEW DVA-C02 - Udemy

(In Progress)



Complete SQL and Databases Bootcamp - Zero To Mastery Academy

UC-9a55fd7d-e016-4048-b525-a0f3715e473b



Master the Coding Interview: Data Structures and Algorithms - Zero To Mastery Academy

UC-2657502b-344f-43e1-821b-ce3aa6dfa610



Terraform for absolute beginners with labs - KodeKloud

UC-bad6e4dd-bdce-4fba-bd7a-dcbf2815efb8



Understanding Typescript 2022 Edition - Academind

UC-0508a78a-bd01-40c3-8e51-7e275305977b



Master the Coding Interview: Big Tech (FAANG) Interviews - Zero To Mastery Academy

UC-dd8eab3d-ca79-4f11-b4a2-7dabe33f0e69



Complete Web & Mobile Designer in 2022: UI/UX, Figma, +more - Zero To Mastery Academy

UC-339c1a6b-33e5-418a-bc5e-f1abfe118006



Modern HTML & CSS From The Beginning (Including Sass) - Udemy

UC-1c7b0fb4-3973-4b63-b105-be7ab51ddf91



Bootstrap 4 From Scratch With 5 Projects - Udemy

UC-5f939817-8ccd-48a9-8f73-59f80b3c5f5c



The Complete Networking Fundamentals Course. Your CCNA start - Udemy

UC-e7489c13-bd40-4ab2-9c47-fa46dce52ce0



The Complete Node.js Developer Course (3rd Edition) - Udemy

UC-3d2a724e-8522-449f-97fa-69c12ab53093



Just Express (with a bunch of node and http). In detail. - Udemy

UC-fea38a05-0e60-4f15-8132-f52a567b9517



20 Web Projects With Vanilla JavaScript - Udemy

UC-35d12150-1ba1-419e-9e37-cfd18f16681f



Advanced CSS and Sass: Flexbox, Grid, Animations and More! - Udemy

UC-9da1ca75-a958-4d92-8283-edee118cd8288



Body Language for Entrepreneurs - Udemy

UC-0WC9PACG



Successful Negotiation: Master Your Negotiating Skills - Udemy

UC-0VMF1TQ4



Sales Training: Practical Sales Techniques - Udemy

UC-JCT57I00



JavaScript: The Advanced Concepts - Udemy

UC-43d7547d-608e-4300-be82-8f32bf0319e5



Master Ethereum & Solidity Programming From Scratch - Udemy

UC-0faba1be-1f28-44c9-8d64-50ed24fd60fd



Learning Functional Javascript with Ramda - Udemy

UC-a8cfd27c-fc2a-4467-967f-882fcbbb4530



The Complete Junior to Senior Web Developer Roadmap - Zero To Mastery Academy

UC-b1bded46-4922-43fc-aa87-03cd1a1783c4



Learn DevOps: Infrastructure Automation With Terraform - Udemy

UC-23f52281-0521-4a9c-b5e3-ce1ed9bb4b60



Complete React Developer (w/ Redux, Hooks, GraphQL) - Zero To Mastery Academy

UC-ec6832b5-0fe9-4734-9436-d01250b208d1



Complete Next.js Developer - Zero To Mastery Academy

UC-945f190e-036c-4a23-b6fb-1fed63d276bb



Complete React Native in 2022: Zero to Mastery (with Hooks) - Zero To Mastery Academy

UC-986604bf-0e55-42b3-a918-86e5a5922808



Learn to Code with Ruby - Udemy

UC-642aa92d-91da-4846-8335-70ac706a9c11



Ruby on Rails 6 Complete Beginner's Course - Udemy

UC-6a9a57aa-f208-459d-bc6d-f79892c898f5



Testing Ruby with RSpec: The Complete Guide - Udemy

UC-129367ff-7823-4269-be79-02f45421ce2d



Kubernetes for the Absolute Beginners - Hands-on - KodeKloud

UC-f862b0f2-f47b-42e8-b661-420450d51af8



Udemy Labs - Certified Kubernetes Application Developer - KodeKloud

7C99DFF149-7C9FB775A2-7C93ACE0A1



Labs - Kubernetes Lab for Beginners - Hands On - KodeKloud

7C99DFF149-7C9FB7E9A6-7C93ACE0A1



Kubernetes Certified Application Developer (CKAD) with Tests - KodeKloud

UC-e2cee94e-f53e-4c1a-80c7-9c77c47f884b



Build A Weather App With Ruby On Rails - Udemy

UC-6b12afa7-f508-41af-bfb3-0bf1f4a37e53



Webpack 5 in 2022: The Complete Guide For Beginners - Udemy

UC-2302f9ed-64dc-4e0b-886f-e056cf1ae300



JSON Path Test - Free Course - KodeKloud

7C99DFF149-7C93EA5E0B-7C93ACE0A1



**Udemy Labs - Certified Kubernetes Administrator with Practice Tests -
KodeKloud**

7C99DFF149-7C9FB6B3E1-7C93ACE0A1



Certified Kubernetes Administrator (CKA) with Practice Tests - Udemy

UC-e1ffbca6-94ac-4b9c-b4f8-69e8a54ed54c



F# From the Ground Up - Udemy

UC-c3b412bc-e03e-442a-9765-efe8f19e19bf



Docker Mastery: with Kubernetes +Swarm from a Docker Captain - Udemy

UC-add1fa15-a28e-4923-b0b4-d8602b32d904



**Go Programming (Golang): The Complete Developer's Guide - Zero To Mastery
Academy**

UC-9d8b35b9-0082-4898-9e15-656c2bf5f016



AWS Certified Cloud Practitioner - 2022 - Udemy

UC-601d7e88-258e-4805-8353-b116a0e8ba2b



Complete Linux Training Course on CentOS 7 / RHEL 7 - Udemy

UC-ef81b26b-af5d-408c-8e50-e1e2170677f7



Chef for the Absolute Beginners - DevOps - KodeKloud

UC-e74be459-465d-479e-87ad-11c6f7af725a



Puppet for the Absolute Beginners - Hands-on - DevOps - KodeKloud

UC-262e85ea-9399-43fd-b7f0-9434ba285403



Ansible for the Absolute Beginner - Hands-On - DevOps - KodeKloud

UC-fefed9f5-21e3-4854-8568-8df339af42f8



Ansible Advanced - Hands-On - DevOps - KodeKloud

UC-7d7c6992-1924-4a8f-9533-0da0112c6406



Complete Python Developer in 2023: Zero to Mastery - Zero To Mastery Academy

UC-cff54045-b1b2-4f24-a3c4-d07c1bcda732



Rocking System Design - Udemy

UC-2a090618-4764-4802-910e-5db33af1266c



Docker & Kubernetes: The Practical Guide - Academind

UC-80b7388f-1eeb-4e6b-bf61-524856ef6d3a



Rust For Beginners - Udemy

UC-0dfe6406-813f-4164-a8fd-201fe96236a4



Mastering the System Design Interview - Udemy

UC-40a9472f-a531-479a-a754-eb431bec4ac9

Skills

DevOps • React Native • Full-Stack Development • SQL • Object-Oriented Programming (OOP) • REST APIs • Django • JSON • HTML • Amazon Web Services (AWS)

Honors & Awards



Aqua Xtreme Challenge - Universidad Modelo

May 2016

3rd Place!



Peace Project Award 3 - Escuela Preparatoria Juventus

Oct 2017

Organized and facilitated a "positive conflict transformation seminar" for high-school teenagers.



Peace Project Award 2 - Escuela Secundaria No. 86 "Rita Cetina Gutierrez"

May 2017

Organized and facilitated a "non-violent conflict resolution seminar" for children in low-income towns.



1st Sport Science Congress - Universidad Modelo

Apr 2017

Learned pretty interesting things.



Peace Project Award 1 - Universidad Modelo

Dec 2016

Learned about the importance of a peace culture.