

Cosmel Villalobos

Full-Stack Web Developer

Professional Summary

Adaptable and results-driven Full-Stack Web Developer with a strong emphasis on Python and Ruby. Proficient in deploying complex web applications using AWS (EC2, EKS, S3) and upgrading applications from Python 2.7.18 to 3.10.0. Experienced in leading teams, mentoring junior developers, and streamlining operational processes. Skilled in TDD, version control using Git, and developing supportive documentation for developer teams.

EXPERIENCE

Ido.Agency, Fully Remote

Full-Stack-Developer, July 2021 - Present

- Successfully transitioned to Python development, leading the upgrade of two key applications from Python 2.7.18 to 3.10.0, enhancing system performance and compatibility.
- Authored comprehensive Confluence pages for developer onboarding and knowledge sharing, improving team productivity and project onboarding efficiency.
- Spearheaded deployment of applications on AWS EC2 and managed EKS containers, significantly boosting system reliability and scalability.
- Led a team in developing and implementing full CRUD functionalities using Ruby on Rails, optimizing application responsiveness and user experience.
- Streamlined API, development, and documentation processes using Swagger, enhancing the clarity and accessibility of reservation management and payment systems.
- Maintained robust project dependency management through the development and upkeep of Pipfiles and requirements.txt

MICROVERSE, Remote

Mentor (Volunteer), August 2020 – July 2021

- Mentored junior web developers, providing technical support and guidance
- Proposed improvements to code organization, enhancing code quality and overall performance

BigBuzzz, Remote

Manager, November 2008 –February 2019

- Managed the Claims Department, achieving a 39% reduction in claims
- Supervised the Research and Data Department
- Handled company bookkeeping and authorized payments

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[GitHub](#) | [LinkedIn](#)

[Twitter](#) | [Portfolio](#)

SKILLS

Technical Skills:

Front-End:

- JavaScript,
- jQuery
- HTML5
- CSS3
- Bootstrap
- React
- Redux
- RTK Query

Back-End:

- Ruby
- SQL
- Rails
- Oracle
- MongoDB
- Firebase
- PostgreSQL

Deployment &

Virtualization:

- Docker
- AWS (EC2, EKS, S3)

Version Control &

Documentation:

- Git
- GitHub
- Confluence Pages

Soft Skills:

Professional:

- Remote Pair-Programming
- Teamwork
- Mentoring

Top of the World Sports, Costa Rica

Supervisor and Trainer, February 2003 – September 2008

- Supervised a team of over 75 employees
- Trained new employees, equipping them with the necessary skills

EDUCATION

MICROVERSE, August 2020 – July 2021

Remote Full Stack Web Development Program, Full-Time

- Mastered algorithms, data structures, and full-stack development, dedicating over 2300 hours to skill development
- Developed remote pair-programming skills and learned to communicate effectively with international remote developers
- HTML/CSS. Oct 2020
- Ruby. Nov 2020
- Ruby on Rails. Jan 2021
- JavaScript. April 2021
- React/Redux. Nov 2021
- Full Stack Web Development. Nov 2021

Certifications

FreeCodeCamp

- Web Design Certification. April 2020
- Javascript Algorithms and Data Structures Certification. May 2020
- Front End Libraries. March 2021

Udemy

- Modern Javascript(from Novice to Ninja). June 2020
- 100 Algorithms Challenge. July 2020
- Testing Ruby with Rspec: The Complete Guid. Nov 2020
- Learn to Code with Ruby. Dec 2020
- Build a Weather App With Ruby on Rails. May 2021
- React Front To Back. June 2021
- REST API with Ruby on Rails: The Complete Guid. Oct 2021
- The Complete 2022 Web Development Bootcamp. Nov 2021
- Docker for the Absolute Beginners - Hands-on -DevOps. Nov 2021
- The Complete Python Developer Certification Course. Dec 2021

Tools & Methods:

- Git
- GitHub
- Heroku
- Netlify
- Mobile/Responsive
- Development
- RSpec
- TDD
- Chrome Dev Tools
- Jest.

PROJECTS

Package Service API

Developed a Rest API to support Room Packages for Hilton Hotels using:

- Ruby
- Rails
- PostgreSQL
- Swagger
- Rspec
- Active Storage

Tracking Expenses App Full Stack App

Built a Full Stack App for tracking expenses using:

- React
- RTK Query
- Jest
- Ruby
- Rails
- PostgreSQL

Contact Keeper Full MERN App

Created a Full MERN App to keep contact and

Linkedin

- PostgreSQL Essential Training. May 2022

Coursera

- Foundations: Data, Data, Everywhere. Nov 2021.
- Ask Questions to Make Data-driven Decisions. Dec 2021.
- Prepare Data for Exploration. Dec 2021.
- Process Data from Dirty to Clean. Jan 2022
- Analyze Data to Answer Questions. Feb 2022
- Share Data Through the Art of Visualization. April 2022
- Data Analysis with R programming. May 2022
- Google Data Analytics. Jun 2022.

AlgorExpert

- ProgrammingExpert. Jan 2023.

Codecademy

- Learn the Command Line Course. Jan 2023
- Learn Python 3 Course. March 2023
- Learn MongoDB Course. April 2023.
- Computer Science. June 2023.

separate them between personal and professional contacts, built with:

- MongoDB
- Express
- React
- Node

GitHub Profile Finder

Developed an application using GitHub API to find users' profiles on GitHub, gather their BIO, latest repositories, and more, built with:

- Node
- React
- Redux
- Npm
- React-Dom