Alfonso **Carvallo**

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My name is Alfonso Carvallo, and I'm a Senior Developer focused on Backend.

I am a skilled and experienced Software / Application Developer with a strong background in **Node.js** development. With over a **decade** of industry experience, I have developed a deep understanding of the complexities of backend programming and have honed my skills in delivering efficient and scalable solutions.

My **passion** for solving problems and drive for success make me a valuable asset to any team, and I am always eager to bring my **expertise** and enthusiasm to a challenging new role.

TECHNICAL SKILLS

- **Node.js** (CommonJS, ES6+, npm, Webpack)
- API Building through **Express.js**
- **Amazon Web Services** (AWS) knowledge
  - **Kinesis** Firehose and Data Streams
  - **Lambda** Functions
  - **DynamoDB** Databases
  - **Athena** Data storage and querying.
  - **Redshift** Clusters.
  - **EC2** Instances, Fargate deployment.
  - **S3** Storage and Data Upload
  - **Cloudwatch** Logging.
- Redis Instances and general **Cache** storage.
- **MySQL** (including PostgreSQL)
- **PHP** (PHP7+ PDO Libraries, and smaller frameworks)
- **HTML** (HTML5+ Spec) and **CSS3**+ and w3c Spec.
- **Javascript** for Frontend usage (Vue.js, jQuery)
- **MVC** Models (Asset Organization, Controllers, Data Access)

WORK EXPERIENCE

Sr. Software Developer, Marigold / Liveclicker
08/2018

Responsibilities:

- Maintenance and improvement of old Monolithic code.
- Plan and Architecture of new Serverless Microservices.
- Development of said microservices using AWS services like: Lambda, Kinesis, SQS, SNS, EC2, Redshift, DynamoDB, S3.
- Building and architecture of a Data Ingestion pipeline based on AWS Services for later analysis.

- Perform data analysis for complex data and files and building Product-related reports for upper management.
- Building of an API that links between the core services and upcoming integrated platforms that consumed from it.
- Resolution of CCPA/GDPR requests (Data Deletion, Data Requests)

Lead Web Developer, Activo.uy / Bodog
04/2017 – 08/2018

Responsibilities:
- Managing of a development team while being part of it.
- Solving problems while making sure that everyone follows proper procedures and guidelines.
- Creation of new Experiences, built around PHP and Node.js for marketing purposes in both Backend and Frontend environments.
- Providing the design team guidance as to ease the flow from design to code, improve old code and set new best practices.

Head of Development / MeCanse Uruguay
01/2016 – 03/2017

Responsibilities:
- Server maintenance along with file, and inner workings of the system over three different countries.
- Planning and implementation of new features and optimizations.
- Optimization of the old design and implementation of a new Frontend based on a new trendy design.
- Managing of Designers and Developers for small projects that required outside help.

Web Developer / Ledonford, Trillonario-Wintrillions
05/2014 – 01/2016

Responsibilities:
- Building new sites from scratch for SEO-based traffic.
- Creation of a 50+ site affiliate network, using a white-label focused approach.
- Creation of a content scrapper that pulled daily and updated data into these white-label sites.
- Small Design, Simple Frontend Projects for each of these.

SEO Analyst, UX/UI Developer, Web Designer / E-LACE Media Services
04/2012 – 05/2014

Responsibilities:
- Search Engine Optimization, implementation of search algorithms best practices onto the main platform.
- API Integration with Social Media and analysis of user patterns.
- JavaScript, jQuery work, error fixing, new implementations.

EDUCATION

Universidad ORT Uruguay
2023 – Ongoing

Bachelor's Degree in Information Systems

UTU - Dirección General de Educación Técnico – Profesional
2021 – 2022

Bachelor of Technology – FINEST Plan:
- Cisco Network Academy ITN (CCNA v7)
- Cisco Network Academy IT Essentials (CCNA v7)

Instituto BIOS
2009 – 2012

Web Development Career
Graphic Design Course, Professional Web Designer.
PHP & MySQL Programmer, Professional Web Developer.

Liceo No. 15
2006-2008

Bachillerato Diversificado, Matematica y Diseño.

Liceo No. 31
2003-2005

Ciclo Básico

ADDITIONAL SKILLS

- Networking, Cisco Server IOS.
- General IT knowledge. Building, Budgeting computers.
- Excelent use of Adobe Design Suite:
  - Photoshop, Illustrator, Premiere
- Microsoft Office Suite: Word, Excel, PowerPoint

LANGUAGES

- English (Proficient)
- Spanish (Native)
- Japanese (Basic Competence)

REFERENCES

References are available on request.