Alejandro Carrasco Rodríguez

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Systems Engineering Senior Expert

https://www.linkedin.com/in/alejandro-carrasco-desarrollo-profesional/

I lead teams focused on innovation, systematization, and automation, with over five years of experience building tech products. I specialize in optimizing processes, software development, and designing methodologies to enhance team performance and their professional growth.

I speak Spanish (Native) and English (B2).

Systems Engineering Team Leader at Deltec | Feb. 2022 – Mar. 2024

I led processes systematization and automatization for operational clients in the public services sector. I created the real-time geolocation and positioning reporting system for tracking field personnel. I automated the version control management and testing environments setups. I coordinated the deployment of platform versions to production. I created the documentation standard for the entire technology area.

Software and Innovation Team Leader at Eventech | Oct. 2020 - Jan. 2022

I led the development of the UX features for the company's virtual event platforms. I created a core code that reduced virtual event platform development time by 30%. I managed the company's servers and performed the necessary operations in cases of server migration. I managed the company and sponsor databases and designed status reports to provide business intelligence.

Software analyst and developer at Jikkosoft | Oct. 2019 – Feb. 2020

I created the algorithms for public lighting taxes calculations at regional level and the invoices system.

Personal projects

https://fundacionhrbc.org | https://github.com/virtualitems | https://www.npmjs.com/package/tshex-cli

Technical Skills

- Linux (desktop and server)
- Systemd (services)
- Journald (logging)
- Docker
- Nginx
- Domain names (DNS records)
- SSL/TLS Certificates (HTTPS)
- Git
- Gitlab (continuous integration)
- Jenkins (continuous integration)
- Python
- Unittest (unit testing)
- Fastapi
- Django
- Javascript
- Typescript
- Jest (unit testing)
- Node
- React
- Express
- Nest
- Progressive Web Applications (PWA)
- PostgreSQL
- MySQL
- MongoDB
- Redis
- Semantic HTML5
- Search Engine Optimization (SEO)
- Responsive design and CSS3 animations
- Tailwind
- REST API
- OpenAPI
- OAuth2
- Websockets
- Webhooks
- Event sourcing
- Web maps (Mapbox)
- Amazon Web Services (AWS)
- Algorithmic complexity analysis
- Applied statistics and mathematics
- Design patterns

- Microservices