



DAVID SIERRA DIAZGRANADOS

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You can check the latest version
of this resume in:

<https://davidsierra.ml/cv-en.pdf>

RESUME

Software engineer focused on web development; my main interests are: solving problems, study of software architectures, performance optimization, testing, software standards, efficient codebase navigation and programming and scripting tools under the UNIX environment.

WORK EXPERIENCE

Web Developer, Netux Lab

Medellín, Antioquia — 2019

Development of web applications in JavaScript with Nodejs.

Projects

- **Full ownership**

1. **MiMonitor:** Design and development of the backend in Nodejs with Express.js, Mongoose (MongoDB) and a microservice architecture in Docker.

Full-Stack Developer, *Íntegro*

Medellín, Antioquia — 2018

Development and maintenance of new and/or legacy web applications in PHP and JavaScript, with focus on partnering with US based customers to help them throughout the life cycle of their web apps.

Projects

- **Partial ownership**

1. **NISL:** Web application developed in PHP with WordPress.
2. **NISL ALP:** App in React and Express.js, using an Apollo (GraphQL) API and styled-components.

SKILLS

- Intermediate English level.
- Usage of rapid prototyping frameworks (Laravel, Express.js, React and Vue.js).
- Knowledge of object oriented design patterns.
- Basic ideas of functional programming (LISP, Scheme).
- Web standards (PSR-2, JSON-API, HTTP-REST...).
- Curiosity for new technologies and standards.
- Git version control system usage (gitflow, branch based workflows).
- Collaborative tools (Vagrant, Docker, ESLint, webpack, Conventional Commits, Prettier, husky, markdown).
- Development under TDD and Unit Testing (PHPUnit, Jest).
- Development and deployment of apps under CI and CD (Jenkins, BitBucket Pipelines).
- Basic knowledge of DevOps in GNU/Linux and scripting in Bash.
- Experience with microservices architectures (docker-compose, RabbitMQ, Redis, Socket.IO)