

Self-sufficient, quick learner who enjoys working independently and coordinating with team members to tackle challenging problems. Knowledgeable in architecture standards, engineering methodologies, redesign(refactoring) processes, risk assessment and management, and security policies. Provides technical leadership, maintains high standards, and attention to detail. Also provides technical support for existing applications and application infrastructure (databases, configuration, security, etc.). Knowledgeable in implementing CI/CD Pipelines deploying to different environments like AWS and VPS.

## Technical Skills

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**Frontend:** HTML, CSS, SASS, Javascript/ECMAScript, Ajax, Json, Xml, React, Angular **Backend:** MySql, PHP, Laravel, RESTful API's, Nginx, Apache, NodeJS, Linux, Amazon Web Services(AWS), Docker, Vagrant **Tools:** Git, Grunt, Eloquent, Composer, NPM, CI/CD, Automated Testing, Webpack **Methodologies:** Object-Oriented Programming(OOP), Model-View-Controller(MVC), Database Design, Functional Programming, Reactive Programming, Design Patterns, Software Development Life Cycle(SDLC)

## Professional Work Experience

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Band of Hands - Senior Full-stack Developer 6/2019 - Present

- Strategically improved the codebase and created new features by documenting business requirements and following the SDLC, OOP best practices and SOLID principles.
- Documented and verbally shared the improvements that were being done incrementally to allow other developers to know the latest changes and how to contribute correctly.
- Upgraded Frontend codebase from AngularJS to Angular 8.
  - Researched the migration process to analyze the complexity and provided development estimates.
  - Proposed a plan to go through the update process while maintaining a production ready application.
  - The plan consisted of 5 major steps and was executed successfully and on time.
- Implemented CI/CD Pipelines to improve our deployment process. The CI/CD Pipeline consisted of automated testing and deployment to an AWS EC2 Staging and Production Environment.
- Improved our local environment by replacing 4 Vagrant boxes with 1 Docker custom configured image resembling production.

Construction Service Workers - Web Developer 2/2019 - 6/2019

- Set up and configured network infrastructure with the use of servers, firewalls, and databases.
- Integrated Google Business Suite to send and receive emails.
- Performed Front-end validation with HTML5 and Javascript. For back-end validation I used PHP and Regular Expression
- Using PHP and Laravel I created a School Administration Web application with CRUD functionality to automate the application process.
- I used MySQL to create a relational database structure in 3rd Normal Form(3NF) and with CMS capabilities. Achieved data integrity by implementing the correct data types and constraints.

OE Innovations - Freelance Fullstack Web Developer 2016 - 4/2019

- Worked closely with clients to understand and define problems, requirements, dependencies, and possible solutions.
- Created and updated web applications from using HTML, CSS, Bootstrap, Javascript, VueJS, PHP and Third Party APIs like Twilio, Mailchimp, Google Maps, etc.
- Created MVPs and used Object-Oriented Programming(OOP) and MVC Frameworks like Laravel and OctoberCMS.
- Created and configured networks and optimized relational databases with 3rd normal form(3NF) using Mysql.

## Education

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San Joaquin High School 08/2004 - 07/2008

Georgia Institute of Technology - *Database Systems Concepts and Design* 09/2017 - 12/2018

## Projects

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Portfolio - <https://www.oscar-estrada.com>

Github - <https://github.com/oestrada1001>

Linkedin - <https://www.linkedin.com/in/oscar-estrada-6a7b58132/>