**Michael Stratton**

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| **Technologies** | Full Stack Developer, PHP, Laravel, JavaScript, CSS, MySQL, PostgreSQL, Linux Admin, Apache, GIS, API Development |
| **Summary of Qualifications** | 18 years’ experience as an independent software consultant & entrepreneur* Framework: Laravel
* Languages: PHP, SQL, JavaScript, CSS
* Databases: MySQL, PostgreSQL
* DevOps: Linux (Ubuntu and Debian), Apache, SSH, CI, GIT
* CMS: WordPress, Drupal and Joomla, Custom CMS with Laravel
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| **Experience** | **Applications Developer, IBSS/NOAA Fisheries** 2023* Applications Developer in support of IBSS contract with NOAA Fisheries
* Full stack development, PHP, JavaScript, CodeIgniter 4

**Senior PHP/Laravel Developer** 2021-2023* Software architect, full stack developer
* Laravel development, CI/CD with PHP, Bootstrap, GitHub and Laravel Forge
* Crypto trading web application, financial algorithms
* Tech lead, development configuration. documentation, code review & analysis

**PHP based API for Legacy Application** 2020* Project management, software architecture and team lead
* Sole developer in the creation of an API for a legacy PHP app
* Updated legacy PHP code
* API allowed dental application to be utilized by third party software vendors
* API documentation: <https://bit.ly/3FHMD0v>

**Laravel Development** 2018 - 2021* Full stack - Only developer on three separate web applications
* External API’s: Stripe. Mailgun, Algolia Search
* DB Admin & Architecture, DevOps – Laravel Forge, Travis CI, SSH
* Monetized use of remote radio towers by integrating and programmingIP controlled power switch, Laravel, and Stripe’s API
* Front end – JavaScript and Bootstrap CSS

**Laravel Development** 2016* Web Application built with Laravel for EPA regulated company
* Full stack - Only developer on project
* Front end developed with JS, jQuery, CSS/Bootstrap
* DB administration & architecture, DevOps

**GIS Application** 2016* GIS Application built for gas line industry
* GeoServer for GIS data type integration
* Google Maps JavaScript API for GIS Data
* Drupal w/ PostgreSQL, Module Development, Advanced views
* Custom JavaScript app to edit images in browser
* Full stack - Only developer on project

**Tech/Software Projects** 2006-2016* WordPress, Drupal, Joomla Development
* Natural Language Processing, BigO Analysis
* Expert Court Witness, Computer Forensics
* PHP Development
* Financial JavaScript/CSS Calculators

**Entrepreneur** 2000-2006* IT Consultant: Certified MCSA, MCP, Net+, Server+, A+
* Owner, Stratton General Services: EPA 608 Universal Certified
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| **Education** | **Computer Science Coursework,** University of Illinois at Springfield Java I, Java II, C++. C.S. Theory, Object Oriented Programming, Trigonometry, Discrete Math, Advanced Algebra, Networking, Server, Linear Algebra, IT Ethics, Technical WritingMinor in Mathematics, Concentration in Software Engineering |
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