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

15 years' experience as an independent software consultant & entrepreneur
- Framework: Laravel
- Languages: PHP, CSS, JavaScript, jQuery, SQL
- Databases: MySQL, PostgreSQL, PhpMyAdmin, MySQL Workbench
- DevOps: Linux (Ubuntu and Debian), Apache server, SSH, CI, GIT
- CMS: WordPress, Drupal and Joomla, Built a CMS with Laravel

EXPERIENCE

Start-up Tech Companies   2021-2022
- Automated website development with PHP, Bootstrap, GitHub and Laravel Forge
- Creation of mathematically validated, automated trading algorithms for crypto

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 programming IP 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

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 Writing
Minor in Mathematics, Concentration in Software Engineering