Kyle Hopkins

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Github: github.com/kh09211
Portfolio: kyleweb.dev

Full Stack Web Development

Linux/Unix System Administration
- Use of Amazon Web Services such as EC2 and Route53, DNS name records, and firewall configurations
- Installation and configuration of Apache2 and NGINX web servers, virtual servers, and related modules
- Proficiency with the shell command line, SSH, FTP, and BASH Scripting on Ubuntu Server, Redhat, Arch distributions, Use of GUIs KDE, Cinnamon, and XFCE, and Package management (APT, DEB, RPM)
- Maintain security through updates, upgrades, patches, and installation of HTTPS Certificates / Certbot

Back End Web Development
- PHP 7 core concepts and best practices. Object Orientated Programming (OOP) concepts and use in PHP
- MySQL database installation, configuration, security, and CRUD use such as PDO prepared statements
- GIT/Git-Hub versioning software, initializing repositories, making commits, push/pull, forking projects
- JSON format encoding/decoding, code debugging, parsing data, and file manipulation from within PHP
- Composer and Laravel framework for PHP, Installation, Configuration, Artisan, node.js and NPM

Front End Web Development
- HTML 5 markup, applied accessibility, visual design, and mobile responsive website design principles
- Modern CSS 3 stylesheet fundamentals, CSS Flexbox, CSS Grid, and @media queries for mobile use
- Bootstrap 4, Javascript and Jquery, Wordpress CMS installation, configuration, and theme development

Work Experience and Specialized Training

Lennox International – Kysor Warren
Electrical Engineer Intern *Jan 2018– May 2018*
- Constructed PLC Controllers (IDEC) and HMIs to implement and utilize comprehensive test stations
- Document Manufacturing Process Instructions (MPI) meeting the standards of Quality and Safety
- Training and experience in LEAN manufacturing, line balancing, TAKT time, efficiency, and capacity

Lucky 7 Performance Automotive
Lead Auto Technician *Jul 2015– Sep 2016*
- Create custom wiring harnesses, relay and controller boards, Megasquirt PCM, standalone circuitry
- Tuning of Computer fuel injection systems, carburetors, and ignition systems in racing applications
- Fabrication, welding M.I.G. and SMAW, measurement and assembly of tight tolerance machinery

H&H Enterprise Incorporated
Shop Manager *Jun 2014 – Jul 2015*
- Supervise and lead a 4-person team to complete work orders, repair jobs, and a variety of projects
- Troubleshooting, testing, and diagnosis of technical problems pertaining to various accessory issues utilizing schematics, diagrams, test equipment, precision instruments, and diagnostic machinery
- Fabrication, modification, and creative innovation to insure proper product fit, finish, and function

University and Education

- Georgia Southern University - *B.S. in Electrical Engineering* (3.8 GPA) *Incomplete Jul 2018*
- The University of Georgia **–** *B.S. in Psychology* (3.3 GPA) *Graduated Dec 2010*
- Georgia Military College – A.S. in General studies (3.9 GPA) *Graduated May 2017*

Other Certifications and Skills

- Experience with Matlab, Basic, Visual Basic, C Complers, Decompilers
- FreeCodeCamp (300hr) Responsive Web Design Certification *Certified Sep 2019*
- Full Circle (120hr) TEFL Certification *Certified Jan 2020*
- *ASE* Automotive Certifications - Electrical Systems / Engine Repair *Certified Jan 2014*
- EPA HVAC Section 608 Type I Technician Certification *Certified Nov 2013*