Waylon Dixon

Email: wdixon@waylondixon.com
More about me can be found at: www.waylondixon.com

Professional:

- An accomplished full stack web developer with 15+ years of production experience specializing in front-end and back-end web development with a strong proficiency in database design and management willing to use my programming knowledge and expertise in languages PHP, MySQL, MS-SQL, JavaScript, jQuery, ReactJS, Bootstrap, HTML5, and CSS to master all aspects of site development.
- A recent graduate adept at working in high-end projects and client management, I am looking forward to work in a reputed company to upgrade my skills in developing, debugging, and optimizing front and back end applications for web systems and software applications while adding more value to the company's resources.

Skills Include:

- Full Stack Web Developer
- UI Design
- Android Developer
- User Training and Support
- Relational Database Development and Management
- Full Cycle Software Development

Programing Languages:

- **Proficient with**: PHP, JavaScript, MySQL, MS-SQL, HTML5, CSS, Classic-ASP/VBScript
- **DevOps**: Docker, Vagrant
- **Familiar with:** Java, C/C++, PERL, Python, Lisp, Logism, Prolog, x86 Assembly, Haxe, Go

Web Technologies:

- Bootstrap, ReactJS, Angular, Ajax, jQuery, JSON, XML
- **RESTful APIs:** Google, PayPal, Twitter, YouTube, Facebook, SparkPost, Authorize.net, Postmen, PeopleDataLabs, AWS Forecast
- **Cloud:** AWS Services
- **PHP frameworks:** Laravel, Yii2
- **DBMS:** phpMyAdmin, MSQL
- **Servers:** LAMP, LEMP, WAMP, Window

Software:

- Microsoft Office Suite
- **Adobe Suite:** Dreamweaver, Photoshop, Premiere Pro, Flash, Acrobat, InDesign
- **Repositories:** GitHub, Mercurial, Subversion
- **Script:** Bash, Powershell
- **Platforms:** Windows, MacOS, Ubuntu

Education:

Bachelor of Science:
Computer Science **May 2012**
Northern Arizona University, Flagstaff, AZ

Master of Engineering:
Computer Science **Dec 2016**
Northern Arizona University, Flagstaff, AZ

Professional Experience:

MyPilotStore.com   **11/17 – 03/20**
Full Stack Web Application Developer

- Providing web programming design, development, and maintenance services for an online retail pilot supply warehouse.
- Utilizing multiple programming languages/frameworks such as PHP, Classic ASP, MS-SQL, JavaScript, jQuery, AJAX, ReactJS, Bootstrap, Vagrant, Docker, AWS Services: EC2, Simple Storage Service (S3), RDS, SageMaker, Forecast and APIs: SparkPost, Authorize.net, Postmen, PayPal, PeopleDataLabs, AWS Services.
- Duties include:
  - research and implementation of several API controller classes to facilitate communications with online service providers for generating single and bulk:
    - Monthly emails of subscriptions and promotions to customers using SparkPost.com.
    - Payment authorization requests for MyPilotStore's customer orders using Authorize.net and PayPal.com.
    - Shipping and return PDF labels for UPS, FedEx, and OnTrack using Postmen.com.
    - Requests for procuring and storing data analytics to aid in early fraudulent order detection from PeopleDataLabs.com
    - Forecasting future business outcomes for product demand, resource needs, and financial performances using AWS Forecast API
  - development of multi-threaded API and database communications functionality in order to decrease bulk data processing times by 75% for the department's UI applications.
  - development of basic MVC structure as introduction for future backend expansion of legacy programming language PHP.
  - development of customer checkout webpage for MyPilotStore's online customer ordering for both existing and new users.
  - development of administrative UI applications as needed to further enhance productivity within the company's departments.

Cole Partnership, LLC   **10/17 – 11/17**
Full Stack PHP Web Developer
- Installed and configured a virtual web server to host the companies web application during development that is supported in multiple operating systems: Window 10, MacOS, and Ubuntu.
- Also provided database troubleshooting, user registration support, and website API integration services to assist the development team reach a crucial deadline.
- Utilized multiple programming languages, frameworks, and software applications: PHP, Guzzle, Bootstrap, Yii2 and Laravel PHP frameworks, Vagrant, and VirtualBox.

NAU School of Music   **05/04 – 09/16**
Full Stack Web Developer, Administrative Associate
- Created online tool to manage the school's annual events, user registrations, audition scheduling, and music locker inventory and assignments.
- Utilized multiple programming languages/frameworks such as PHP, MySQL JavaScript/Ajax, jQuery, Bootstrap framework, and PayPal API.
- Tool allows users to create/update personal accounts, register for school events, email registration receipts/confirmations, and manage user-to-locker assignments and fees.
- Developed secure web application and backend database to automate user and departmental data integration.
- Responsible for all web graphics, audio, video, and documentation specifications utilizing Microsoft and Adobe software packages.
- Implemented application infrastructure components and resolved platform problems.
- Supported database designing, administration, and website integration services.

NAU College of Engineering, Forestry, and Natural Sciences   **01/12 – 06/12**
Full Stack Web Developer, Android Developer, Researcher
- Provided continued research duties as needed with a team of four students under the direction of a CS instructor for a nondisclosure agreement grant.
- Developed prototype of new software application which served both web and android platforms, utilizing multiple programming languages/frameworks such as Java, PHP, MySQL, JavaScript/Ajax, jQuery, Bootstrap framework, and APIs: Google, Twitter, Facebook, and YouTube.
- Provided team leadership and communications for the group, i.e. keeping project on track, scheduled meetings, email correspondence, etc.
- Operated as a backend web developer designing and implementing the database structure.
- Assisted in the design and implementation of a web-based UI application, including integrating APIs Google, Twitter, and Facebook to easily publish and distribute the application directly to users of Android devices.
- Supported database designing, administration, and website integration services.

Full Stack Web Developer
Freelance work for: www.stickinthedesert.com   **06/13 - Current**
Freelance work for: www.brucereiprich.com   **11/12 - Current**
Freelance work for: www.gvequipmentrepair.com   **10/11 – 11/17**
- Selected to design, develop, and maintain a web presence for:
    o an annual music conducting workshop that allows customers to register and pay for the event
    o a musician/composer biography
    o a cleaning equipment repair and supplies startup company.
- Utilized multiple programming languages/frameworks such as PHP, MySQL, JavaScript/Ajax, jQuery, Bootstrap framework, and PayPal API.
- Discussed the requirement and layout specifications with client.
- Installed and configured hosting applications and maintained transferable code.
- Developed secure web application and backend database to automate user and departmental data integration.
- Responsible for all web graphics, audio, video, and documentation specifications utilizing Microsoft and Adobe software packages.
- Implemented application infrastructure components and resolved platform problems.
- Supported database designing, administration, and website integration services.