Waylon Dixon

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Software Engineer | Full Stack Developer

With over 9 years of dedicated experience as a Software Engineer and Full Stack Developer, I've consistently delivered game-changing solutions that drive efficiency and elevate user experiences. Through innovative initiatives, I've led projects resulting in a remarkable 30% enhancement in housing management efficiency and a 50% surge in user engagement for a prominent sport recruiting platform. My expertise spans a robust array of technologies including Laravel, PHP, MySQL, JavaScript, jQuery, VueJS, ReactJS, HTML5, CSS, Tailwind, and Bootstrap. Notably, I orchestrated a staggering 75% reduction in data processing time for an esteemed online retail giant. Moreover, I revolutionized operations at a leading institution, automating processes to achieve an impressive 80% increase in administrative efficiency. My unwavering commitment to excellence and relentless pursuit of innovation make me an invaluable addition to your team, poised to drive immediate and impactful results.

WORK EXPERIENCE

Software Engineer • Full-time
Urban Futures Bond Administration, Inc. • Orange, CA   **09/2022 - 11/2023**

- Engineered innovative features, like a one-click solution, to streamline processes and automate tedious tasks, resulting in an impressive 30% enhancement in housing management efficiency and significantly boosting client satisfaction.
- Spearheaded the integration of unit testing, driving a 20% increase in development efficiency and a 30% reduction in error rates, while fostering a culture of quality assurance and collaborative knowledge sharing among peers.
- Enhanced system stability by 25% through rigorous troubleshooting, critical issue resolution, and meticulous code base debugging, ensuring seamless user experiences and bolstering overall platform reliability.
- **Tech Stack:** Laravel, PHP, MySQL, JavaScript, jQuery, AJAX, Bootstrap, Tailwind, Docker.

Software Engineer • Full-time
Signing Day Sports • Scottsdale, AZ   **07/2021 - 08/2022**

- Spearheaded the development of highly interactive components for an online sport recruiting platform, driving a remarkable 50% increase in user engagement, showcasing innovative problem-solving skills, and unwavering dedication to enhancing user experience.
- Proactively explored mobile application enhancements and debugging, leading to a 20% improvement in overall performance, demonstrating initiative and adaptability in tackling new challenges.
- Implemented queue systems for batch emailing and optimized video conversion failure queues, resulting in a 40% reduction in email processing time and a 75% decrease in user-reported errors, exhibiting proactive problem-solving skills and a strong commitment to efficiency.
- **Tech Stack:** Laravel, PHP, MySQL, JavaScript, AJAX, VueJS, React Native, Bootstrap, Tailwind, Vagrant, Docker.

Full Stack Developer • Full-time
MyPilotStore • Scottsdale, AZ   **11/2017 - 04/2020**

- Directed API integration initiatives, leading to a 25% improvement in order processing time, a 40% decrease in fraudulent online orders, and a substantial boost in customer satisfaction, demonstrating effective leadership and strategic decision-making skills.
- Led initiatives resulting in a remarkable 75% reduction in data processing time by refining database interactions and implementing a queue system, portraying expertise in performance optimization and efficiency enhancement.
- Pioneered the establishment of a foundational MVC structure, paving the way for future backend expansion and scalability initiatives, embodying forward-thinking and strategic planning skills.
- **Tech Stack:** Laravel, PHP, Classic ASP, MySQL, JavaScript, jQuery, AJAX, ReactJS, Bootstrap, Vagrant, AWS Services: EC2, Simple Storage Service (S3) and Lightsail.

Administrative Associate & Full Stack PHP Web Developer • Full-time
NAU School of Music • Flagstaff, AZ   **05/2004 - 08/2016**

- Revolutionized departmental operations through automation, achieving a remarkable 80% increase in administrative efficiency, showcasing innovative problem-solving skills and a commitment to streamlining processes.
- Provided comprehensive administrative support and adeptly managed student staff, ensuring seamless operations and contributing to a productive and harmonious work environment, highlighting strong leadership and organizational abilities.
- **Tech Stack:** PHP, MySQL JavaScript, jQuery, AJAX, Bootstrap.

EDUCATION

Master Of Engineering in Computer Science • 12/2016
Northern Arizona University • Flagstaff, AZ

Bachelor Of Science in Computer Science • 05/2012
Northern Arizona University • Flagstaff, AZ

SKILLS

Programming Languages: CSS, HTML5, JavaScript, MySQL, PHP, React Native, SQL, Typescript
Backend Frameworks: Laravel, Yii
Frontend Frameworks: ReactJS, Vue.js
Frontend Libraries: Bootstrap, jQuery, Tailwind
AWS Cloud: Certificate Manager, EC2, Lightsail, RDS, Route 53, S3
Platforms and servers: macOS, Ubuntu, Windows, Apache, Nginx, Docker, Vagrant, VirtualBox
Collaboration Suite: Confluence, JIRA, Mailtrap, Postman, Slack, Teams, Zoom, Bitbucket, GitHub
APIs: Authorize.net, Facebook, Google, PayPal, PeopleDataLabs, Postmen, Sparkpost, Twitch, Twitter, YouTube
Technical Proficiencies: Application Development, Code Refactoring, Code Review, Database Architecture, Database Optimization, Data Integration, Debugging, Full Stack Development, Frontend Development, Backend Development, Mobile App Development, Model-View-Controller (MVC), Object-Oriented Programming (OOP), Quality Assurance, RESTful APIs, SOAP APIs, Software Engineering, Unit Testing, Web Services Integration