Nicholas Zonak

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Front End Developer | Full Stack Developer | Backend Developer

An accomplished web developer excelling in front-end, back-end, and full-stack development, offering a robust skill set in programming languages, responsive design, and web performance optimization. As the Lead Developer at Collision Series, demonstrated expertise in engineering dynamic PHP Laravel dashboards, integrating APIs for streamlined processes, and spearheading innovative NodeJS and Vue developments. Previous roles highlight proficiency in crafting immersive interfaces, developing efficient data dashboards, and executing impactful CMS updates. A versatile professional with a Bachelor's in Computer Science, displaying adaptability, creativity, and analytical thinking across diverse projects.

CORE COMPETENCIES

• Programming Languages	• Front End Development	• Frameworks
• Responsive Design	• Back End Development	• Database Management
• Cross-Browser Compatibility	• Database Management	• API Development
• Web Performance Optimization	• Version Control/Git	• Server Management
• User Experience (UX) Design	• Web Application Architecture	• Security Best Practices
• Testing/Debugging	• Server-Side Languages	• Scalability

PROFESSIONAL EXPERIENCE

Collision Series | Remote

Lead Developer and Broadcast Engineer   **Jan 2020 - Jan 2023**

- Engineered a dynamic PHP Laravel dashboard for Technical Directors, empowering seamless control of broadcast graphics and overlays.
- Integrated PayPal and StartGG APIs to create a user-friendly interface for efficient tournament payouts, enhancing payment processes.
- Spearheaded NodeJS and Vue development for an innovative stats dashboard, elevating data visualization and broadcast graphics capabilities.
- Delivered engaging 1v1 esports broadcasts, both in-person and remotely, leveraging OBS as the primary software for unparalleled viewer experiences.

Panda | Remote

Broadcast Developer   **Oct 2021 - Jan 2023**

- Engineered an immersive dashboard for Technical Directors, enabling seamless esports broadcast overlays, such as scoreboards and stats pages.
- Crafted a responsive interface using NodeJS and React, implementing Socket.io for real-time communication and dynamic updates.

Affiliated Technology Solutions | Metuchen, NJ

Full Stack Developer   **Feb 2021 - Oct 2021**

- Developed a dynamic data dashboard, empowering managers to filter and chart data for tailored insights and streamlined reporting.
- Leveraged NodeJS, MySQL, and React to construct a responsive and efficient platform for data visualization and reporting.

Robert Half | Jersey City, NJ

Frontend Developer   **Oct 2019 - Jul 2020**

- Executed impactful CMS updates on the Jackson Hewitt website, employing HTML, CSS, and JavaScript within EPiServer for seamless integration.
- Translated Sketch designs into functional web pages and reusable blocks, ensuring a consistent and visually appealing online presence.

Pereless Systems | Remote

Web Developer   **Jul 2014 - Oct 2019**

- Developed and sustained client webpages using ColdFusion, HTML, CSS, JavaScript, and jQuery, ensuring optimal performance and user experience.
- Engineered customizations with ColdFusion, SQL, and JavaScript, tailoring solutions to meet clients' unique requirements for enhanced functionality.
- Contributed to the creation of innovative applications utilizing NodeJS and AngularJS, enhancing overall system capabilities and user interactions.
- Conducted thorough testing and debugging in the development environment, ensuring code functionality and cross-browser compatibility for seamless user experiences.
- Applied extensive expertise in JSON as the foundational data structure for developing robust and efficient applications.

Black Rocket Productions | Greater New York City Area

Web Developer   **May 2012 - Aug 2013**

- Developed user-friendly interfaces for content creation using HTML, CSS, JavaScript, and jQuery, enhancing overall user engagement.
- Utilized advanced 2D rendering techniques through the canvas element for immersive visual experiences.
- Engineered efficient data storage solutions with PHP and MySQL, ensuring secure and seamless user information management.
- Innovated editors enabling dynamic saving and loading of user data in JSON format, optimizing data interchange and retrieval processes.

VOLUNTEER WORK

Youth Stream | Somerville, MA (remote) | Dec 2020 – Feb 2021

PROJECTS

SIG Melee Streaming Team

- Led a personal broadcast team for small-scale events across the tri-state area, focusing on Super Smash Bros. Melee.

Nodeverlay - Broadcast Remote Control Software

- Engineered software for Technical Directors, enabling seamless control of overlay and scene states during broadcasts.

Heartseeker Platformer Project

- Developed a fast-paced platformer, "Heartseeker," designed to challenge precision and reflexes, highlighting adept game design skills.

KEY SKILLS

HTML5 | CSS | JavaScript | React | jQuery | Socket.IO | Handlebars | Bootstrap | MongoDB | SQL | EPiServer | JSON | Git | NGINX
Python | C/C++ | Open Broadcaster | Software (OBS) | Web Development | PHP | MySQL | Vue | NodeJS | Express | CMS
Creativity | Attention to Detail | Communication | Adaptability | Problem-Solving | Collaboration | Analytical Thinking
Organization | Critical Thinking | Responsive Design Frameworks | CSS Preprocessors | Web Servers | RESTful APIs
Server-Side Languages | Database Administration

EDUCATION

Bachelor of Science in Computer Science | New Jersey Institute of Technology | Newark, NJ   Sep 2010 - Aug 2014