Stephen Kern

Web Developer | Edwardsville, IL

Web Developer specializing in WordPress, Front-End Engineering, and Custom Web Applications

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WORK EXPERIENCE

Web Developer — Enertech Global, Greenville, IL

Web Developer (Jan 2025 – Present)

Front End Web Developer (Jan 2024 – Jan 2025)

Web Development Intern (Oct 2023 – Jan 2024)

- ❖ **Frontend & CMS Development:**
  - ➢ Develop and maintain 4+ company websites using WordPress and Joomla, ensuring brand consistency, accessibility compliance, SEO optimization, and responsive design.
  - ➢ Collaborate with Marketing and Design teams to translate UI/UX concepts into functional, high-performance web experiences.
  - ➢ Build and customize layouts using theme builders, HTML, CSS, and JavaScript.
- ❖ **Backend Development:**
  - ➢ Develop custom WordPress functionality using PHP and JavaScript, including AJAX-powered filtering, dynamic content components, and Gravity Forms customizations.
  - ➢ Refactor legacy PHP code to improve maintainability, performance, and compatibility with WordPress plugins.
  - ➢ Implement input validation and form logic using regex and server-side validation.
  - ➢ Utilize WordPress hooks and filters to extend core functionality and improve site scalability.
- ❖ **Infrastructure, Security & Performance:**
  - ➢ Assist with server administration tasks including SSL certificate management, DNS configuration, and hosting maintenance via WHM/cPanel.
  - ➢ Support performance optimization initiatives, site security hardening, and uptime monitoring.
- ❖ **Collaboration:**
  - ➢ Partner with cross-functional teams to deliver projects aligned with business and marketing goals.
  - ➢ Provide technical troubleshooting and internal IT support when needed.

Shopify Developer — Skate 618, Edwardsville, IL

May 2023 – July 2023

- ❖ Designed and improved the Shopify storefront UI, enhancing navigation, layout structure, and brand consistency.
- ❖ Created SEO-optimized product listings using targeted keywords,

SKILLS

Programming & Markup
- **JavaScript**
- **PHP**
- **SQL**
- **HTML**
- **CSS**

Frameworks & Libraries
- **Express.js**
- **React**
- **Vue**

CMS & Platforms
- **WordPress**
- **Joomla**
- **Shopify**

Backend & Infrastructure
- **MySQL**
- **MongoDB**
- **WHM/cPanel**
- **Gravity Forms**
- **AJAX**
- **REST APIs**

Tools
- **Git**
- **Node.js**

persuasive copy, and optimized imagery.
❖ Managed product inventory and ensured accurate stock tracking and catalog organization.

PROJECT EXPERIENCE

Fine Arts Portfolio — Image Driven Web Portfolio
- Developed an interactive portfolio website emphasizing high-quality visual presentation.
- Integrated EmailJS to enable secure and reliable contact form functionality.
- Protected environment variables and sensitive data using Dotenv.
- Translated client requirements into wireframes and production-ready UI.

Advice Genie — Advice Generator React App
- Built a React application that dynamically retrieves data from the AdviceSlip API.
- Implemented React Hooks and asynchronous API requests.
- Applied CSS styling to match design mockups and improve user experience.
- Performed unit testing to validate application stability.

EDUCATION

Washington University, St. Louis, Full Stack Coding Bootcamp — 2022

Lewis & Clark Community College, AAS, Web Design and Development — 2021

AWARDS

Web Design & Development Scholarship for academic excellence in August 2021, covering full tuition for the semester.