Christopher Knight
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Profile

Passionate Web Developer specializing in front-end technologies, including JavaScript and React. Strong foundation in design patterns and clean, readable code. Experienced in building responsive, user-focused applications optimized for performance and scalability. Currently expanding my tech stack to include Vue and TypeScript, while actively gaining professional experience through client projects and educational roles.

Skills and Proficiencies

- **Languages & Frameworks**: JavaScript (ES6+), React, HTML5, CSS3, Node.js, Tailwind CSS, Bootstrap
- **Design & UI**: Responsive, mobile-first design; Figma and Adobe Suite for prototyping
- **Coding Practices**: Knowledgeable in coding patterns like Observer and Factory for modular code
- **CMS & eCommerce**: Advanced WordPress with Elementor and Divi (Elegant Themes)
- **API Integrations**: Experience with ChatGPT API and other interactive features
- **Hosting & Deployment**: Hosting on Vercel, basic Firebase knowledge, proficient in Git
- **Future Learning**: Actively learning Vue, TypeScript, and advanced Tailwind CSS

Experience

Freelance Web Developer – *Knight Ideas* (Sept 2022 – Present)

- Provided web development services, including customizing image displays and interactive site components for *The People's Portrait*.
- Developed responsive, cross-platform applications, utilizing Observer and Factory patterns to ensure scalability.

Tech Coach – *Technokids* (Jan 2023 – Present)

- Led coding, robotics, and animation workshops for primary school students (ages 5-11), making tech topics accessible and engaging.
- Created adaptable tech-focused learning modules, inspiring young learners in foundational coding and technology.

ECommerce Specialist – *KCCraft Kits* (Sept 2020 - Sept 2022)

- Grew an online store by optimizing product strategy, branding, and logistics to enhance customer experience and market presence.

Professional Sabbatical (April 2019 - Sept 2020)

- Focused on personal growth and family, including homeschooling my eldest daughter during COVID. Launched an eCommerce business and began game development.

Entrepreneur – *Knight Inventories & Audio Typing* (March 2015 - Apr 2019)

- Founded and operated businesses in property inventory and audio typing, developing leadership and team management skills.

Professional Development

- **Front End Development Certification** – *freeCodeCamp* (Oct 2024)
  Focused on responsive design, React, and JavaScript.
  [View Certificate]
- **JavaScript Algorithms and Data Structures** – *freeCodeCamp* (Dec 2023)
  Covered JavaScript fundamentals, algorithms, OOP, and functional programming.
  [View Certificate]
- **C# and Unity Engine** – *Self-study* (Sept 2022 – Sept 2023)
  Expanded coding skills in C# and Unity, enhancing programming and game mechanics understanding.

Education

- **IT and Art GNVQ Level 2** – *Redditch New College* (1998 – 2000)
- **GCSEs** – *Arrow Vale High School*
  - Maths: B, English: B, IT: A (1994 – 1997)

Portfolio

Explore my portfolio at knightideas.co.uk, showcasing projects such as a movie search app, interactive drum machine, JavaScript slot machine, calculator, and productivity timer.