KARL TALLON

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SUMMARY

I'm a Full Stack Developer with over half a decade of professional experience, proficient in HTML, CSS, JavaScript, & React. Seeking to use my technical proficiency & creativity while collaborating with enthusiastic teams to develop unique products.

EXPERIENCE

AnDAPT | Semiconductors | B2B, B2C, Saas | www.andapt.com   Nov 2022 - Present
Full Stack Developer

- Spearheaded redesign of AnDAPT's website in an **agile** team as the lead developer, utilising tools such as **HTML**, **CSS**, **JavaScript**, & **PHP,** implementing fully **responsive designs**, optimising **SEO**, improving **Google Analytics 4** & **AWS** configuration, establishing **testing** protocols, & boosting **website performance** metrics by over 40% on average.
- Utilised **Figma** to wireframe new website content for AnDAPT product releases, operating as the lead **UX** designer.
- Identified & **debugged** major **MySQL** security vulnerabilities to improve reliability, security, & maintainability of the system. Documented the process for future reference across the organisation.
- Collaborated with stakeholders to develop a tailored **ERP/CRM** system, streamlining operations, increasing lead generation, centralising information, & establishing universal data formats for the global sales team.
- **Reference:** Giovanni Garcea | AnDAPT President | giovanni.garcea@andapt.com

Lotus Web Designs | Web Development | B2B, B2C   Sept 2021 - Nov 2022
Freelance Developer

- Founded a freelance company creating unique websites for numerous clients, utilising technologies including **JavaScript** & **React.js**, as well as **CMS** platforms such as **WordPress** & Wix to transform client requirements into custom designs that met deadlines & exceeded client expectations.
- Remained updated on industry advancements, producing cohesive visual styles & structures for all client websites for a modern & professional appearance, which always reached the highest performance metrics possible.

Flowte | E-Ticketing Platform | B2B, B2C, Saas | www.flowte.com   Sept 2020 - July 2021
Software Engineer

- Collaborated with development team to create Flowte's website, utilising technologies such as **HTML**, **CSS**, **JavaScript**, **WordPress**, **AWS** & **Figma**.
- Led **MySQL** database migration project to modernise Flowte's database architecture for current industry standards within a **scrum** team.
- Gained indepth software development experience in **code reviews**, **CI/CD testing**, **technical support**, **product development**, marketing strategies, & Zoho **CRM**.
- **Reference:** Hugh O'Morain | Flowte CEO | hugh@flowte.com

RECENT PERSONAL PROJECTS

Brainwave | AI E-commerce Website | Full Stack   **View Website** | **View GitHub**
Cutting-edge demo site showcasing advanced UI, parallax effects, & responsive design. Exemplifies proficiency in **React.js**, **JavaScript**, & **Tailwind CSS**.

iPhone 15 Demo | Apple Website Replica | Full Stack   **View Website** | **View GitHub**
Replica website of Apple's iPhone 15 Pro demo site, showcases the power of leveraging **React.js**, **Next.js**, **Tailwind CSS**, **GSAP**, & **Three.js**. Also replicates Apple's product showcase with custom animations & 3D models.

SKILLS

Frontend Skills	Backend Skills	Tools	Competencies
HTML/CSS	Node.js	AWS	UI/UX Design
JavaScript	PHP	Cloudflare	Responsive Design
TypeScript	XML	GitHub	SEO Optimisation
React.js	MySQL	Figma	Accessibility Standards
Next.js	Redux	Sketch	Cross Browser Compatibility
Tailwind	NPM	Adobe XD	Mobile-first Development Practices
Material-UI	CI/CD Testing	Adobe Photoshop	Web Performance Optimisation
Framer	Debugging	WordPress	Agile/Scrum Methodology

EDUCATION

National College of Ireland   **3.8/4.0 GPA**
BSc. (Hons) Computer Science   2018 - 2022

- **Dean's Honour Award Recipient - 2020-2022**
- **Vice President of eSports & Gaming Society - 2018-2020**

WEBSITES

- 🌐 www.karltallon.com
- 🔲 www.github.com/Tallon1
- in www.linkedin.com/in/karl-tallon