Paul Harrington

Frontend Developer

Address:	10 Watermill Court Raheny D05 HH72	**Website:**	loosenthedark.tech
		Email:	hello@loosenthedark.tech
		LinkedIn:	linkedin.com/in/paulharrington05
Telephone:	0894546613	**GitHub:**	github.com/loosenthedark

EXECUTIVE SUMMARY

Accomplished Developer with several years' industry experience and a passion for building elegant and engaging websites and applications. Emphasis on frontend languages (HTML5, CSS, JavaScript ES6+, TypeScript) and frameworks/libraries (React, Angular) combined with a strong grasp of backend programming (Python+Django/Flask), database management systems (PostgreSQL, MongoDB) and command-line essentials (Git). I am familiar with a number of testing tools - primarily Jasmine and Vitest for writing unit tests, as well as Cypress for more in-depth end-to-end-testing - and am keenly aware of the future-proofing benefits of test-driven development.

A tenacious problem-solver, I thrive on tasks and situations where my innate curiosity and painstaking attention to detail overlap. Opportunities to move out of my comfort zone are something I embrace, which is why I find programming - with its immersive logic and constant learning curve - such a richly rewarding calling.

As a **Frontend Developer with Asora**, an Irish fintech startup transforming the family office wealth management sector, I succeeded in bringing my technical expertise and diligent work ethic to bear in a role that was challenging and gratifying in equal measure. As the company's only Irish developer, I was able to make a real impact from day one, and gained great satisfaction from seeing my code contributing to new services and features being adopted by finance professionals across the globe. The platform experienced major growth throughout my tenure, as Asora partnered with firms such as KPMG on their accountancy software and contracts were secured with fellow industry disruptors like Addepar.

I subsequently grew my creative mindset and technical skillset during my time as **Frontend Developer with Autoaddress**. As Ireland's leading provider of address intelligence solutions, the company hired me at a time when its global ambitions were growing as it sought to explore integrations with established e-commerce platforms such as Shopify and BigCommerce. I joined a multidisciplinary team and made numerous contributions towards enhancing the product's marketability and ease-of-use.

Most recently, I broadened my technical scope further as **Software Developer** on a pioneering Software as a Medical Device (SaMD) commercialisation project for a **Trinity College Dublin** (Smurfit Institute of Genetics) spinout. This position required me to coordinate frontend (React, Tailwind CSS) and backend/containerised tooling (Django, Docker, PostgreSQL) while working with minimal supervision to architect solutions aimed at bringing a research-driven product toward market.

Since finishing up with TCD, I have been working on incorporating various generative AI tools (e.g. GitHub Copilot, Claude) into my daily workflow. Having mostly explored the potential of these tools across a range of personal projects/sandbox environments, I am very much looking forward to leveraging them in my next professional role.

Equally comfortable operating independently or within an agile team environment, I have previous exposure to the scrum methodology and meeting tight deadlines in two-week sprint cycles. Regardless of tech stack or scope, I pride myself on going above and beyond to deliver a first-rate user experience with every project.

RECENT PROJECTS (please see GitHub page above for links to project repositories)

Perfect Match	Bespoke e-commerce website recently built for a local small business. React 18 project showcasing frontend fundamentals such as prominent call-to-action buttons and custom form validation
React Countries App	Robust and fully-responsive frontend application using functional React components, hooks and Context API, and centred around data from the REST Countries API
StrikeForce	**"***Meaningful data for the Beautiful Game"*: Interactive frontend site leveraging the TransferMarket API to create incisive data visualisations of English Premier League goal-scoring trends

EDUCATION & QUALIFICATIONS

2020 - 2021: **Full Stack Diploma in Software Development at Code Institute**

- Europe's only university credit-rated coding bootcamp
- Course developed in partnership with an Industry Advisory Council comprising key players such as Salesforce, PayPal, Accenture and GlaxoSmithKline

2013 - 2015: **Higher Diploma in Psychology at Dublin Business School**

- Graduated November 2015 with First-Class Honours
- QQI Level 8 programme accredited by the Psychological Society of Ireland

2000 - 2005: **Bachelor of Arts (Joint Honours) Degree at University College Dublin**

- Graduated October 2005 with First-Class Honours in French and Second-Class Honours (2H1) in Sociology
- Awarded the 2005 NUI/French Government Medal and NUI Prize for Proficiency in French

1994 - 2000: **Gonzaga College SJ, Dublin**

- Scholarship student
- Graduated May 2000 with 490 points in the Leaving Certificate.

RECENT PROFESSIONAL EXPERIENCE

Dec 2024 - Aug 2026: **Software Developer at Trinity College Dublin**

- Served as lead developer supporting research and commercialisation initiatives aimed at bringing a pioneering Software as a Medical Device (SaMD) product to market for a TCD Smurfit Institute of Genetics spinout
- Focused primarily on building out and maintaining a frontend codebase employing modular components, structured data handling and state management patterns (router loaders, Context API etc.), as well as observing UX best practices
- Worked closely with the team's Senior Scientist to develop and refine backend repositories, including creating database models and views and carrying out continuous REST API testing
- Utilised a modern full-stack toolkit across frontend (React v19, TanStack Query, React Router, Tailwind CSS, Vite+Vitest) and backend/containerised environments (Django, Django REST framework, Swagger, Docker, SQLite locally, and PostgreSQL in a Docker image)

Jun 2024 - Oct 2024: **Frontend Developer at Autoaddress**

- Worked on a number of overlapping projects as the product diversified and we looked to integrate with existing third-party platforms and ecosystems (Shopify, BigCommerce etc.)
- Gained proficiency in the use of AWS CodePipeline CI/CD tools and practices (Management Console, AWS CLI etc.) to monitor and streamline all stages of the software release life cycle
- Leveraged Jasmine assertions and techniques (in tandem with the Karma test runner) to write meaningful component tests to achieve accurate rendering and reliable behaviour of UI elements
- Conducted cross-browser testing and debugging in collaboration with in-house QA testers to ensure consistent functionality and user experience across various platforms and devices
- Participated in fortnightly sprint retrospectives with fellow Autoaddress devs and benefitted from regular informal knowledge-sharing sessions (often via pair programming)
- Proactively encouraged my team to take advantage of recent improvements and new features, e.g. the use of Signals, a declarative control flow and lazy loading optimisation techniques in Angular 16+
- Juggled competing workflows - often within the same sprint cycle - and learned to balance more expansive product roadmap expectations with internal company requirements as I grew into the role

Oct 2021 - Mar 2024:	**Frontend Developer at Asora** ● Integral member of a Europe-wide team maintaining and refining systems and architecture across a rapidly-scaling SaaS platform for an early-stage fintech startup ● Worked with Angular, HTML5, CSS and Node.js to take ownership of key features, carry out root cause analysis of bugs and push code to production on a daily basis ● Adherence to version control best practices and use of Azure DevOps CI/CD tools ● Adopted a reactive mindset (e.g. use of RxJS operators to handle streams of data) when performing asynchronous operations and working with RESTful APIs ● Close coordination with Asora's product and design teams, updating UI views to match Figma prototypes and implement user-focused solutions ● Played a pivotal role in helping to migrate the codebase from Angular versions 13/14 to version 17, refactoring components where necessary to ensure platform stability ● Performed frequent code reviews and incorporated mentor/peer feedback
July 2019 - present:	**Freelance Web Developer at loosenthedark.tech** ● Delivery of a number of custom client websites and applications, ranging from static landing pages to e-commerce business sites ● Last completed project: perfectmatchnannyagency.com ○ React-powered single-page application for a local small business ○ Greenfield build featuring bespoke client branding as well as a fully-responsive UI, prominent CTA buttons and custom form validation ○ Includes a Formspree serverless backend and Stripe payment gateway integration ● I approach freelance projects as opportunities to stay up to date with the latest technologies and trends, learning-by-doing as I try out new ideas and road-test emerging paradigms and design patterns

HOBBIES & INTERESTS

I like to supplement my core web development skills by absorbing fresh perspectives and methodologies whenever I can. To this end, I'm currently getting to grips with the full stack capabilities of Next.js, and am in the process of pursuing Pluralsight's Vue learning path towards completion.

From a design perspective, Frontend Mentor is a resource I find myself constantly returning to for both inspiration and practice. The site boasts a very welcoming community ethos, while the access they offer to high-quality Figma designs through their catalogue of challenges really is superb. For learning on the go, I also find the Cosden Solutions YouTube channel invaluable: they take a slightly 'outside the box' approach to breaking down key concepts and principles that always seems to resonate.

Besides coding, I count travel as one of my main passions. My time spent travelling throughout Asia (China, India and Southeast Asia), as well as living in America (2015) and Thailand (2016-2018), has given me a rich appreciation of a number of different cultures and communication styles.

Sport and exercise is another hugely important outlet for me, and I try to offset my many hours at the command line by playing midweek astro five-a-side and cycling around Dublin Bay whenever I can.