Nicolas Chapron

Lead Front-End Developer — React • Angular • TypeScript

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Profile

Lead Front-End Developer with 10+ years' experience delivering fast, accessible, user-centred web applications. Blend of strong engineering (TypeScript, React, Angular) and UX/UI (Figma → production) with a track record of shipping at scale in the NHS. Specialises in front-end architecture, design systems, WCAG accessibility, performance, and CI/CD. Targeting impactful roles in London.

Core strengths

Front-end architecture • Design systems • Accessibility (WCAG 2.1 AA) • TypeScript • React • Angular • Tailwind CSS • Prototyping (Figma) • Testing (Jest, RTL) • CI/CD • Azure/MSAL • Code reviews & mentoring • Stakeholder collaboration

Experience

NHS South, Central and West (SCW) — Lead Front-End Developer

Nov 2022 – Present | London / UK (Public Sector/NHS)

Lead the design and front-end delivery of NHS products used by broad clinical and public audiences, with accessibility, performance and maintainability as core principles.

- Architect scalable React/Angular codebases in TypeScript; define patterns, linting, and coding standards.
- Translate Figma wireframes into production-ready, componentised UIs; steward a lightweight design system.
- Champion WCAG compliance; implement accessible components, semantic HTML, keyboard support and testing.
- Integrate secure authentication/authorisation (Azure AD/MSAL); manage protected routes and tokens.
- Establish CI/CD pipelines (Azure DevOps) with automated tests and quality gates; improve release reliability.
- Collaborate with API/back-end, product, clinical stakeholders and delivery to align UX with outcomes.
- Mentor developers; conduct code reviews; promote clean code and pragmatic testing.

Selected impact

- Shipped multiple NHS web apps used by tens of thousands of users; reduced defects and rework.
- Introduced a reusable component library that accelerated delivery and improved cross-app consistency.
- Cut deployment friction via automated checks, environment config patterns and documentation.

Action Entrepreneur — Web Developer

Oct 2019 – Oct 2022 | London, UK

- Built and optimised responsive sites/landing pages; improved UX and page speed for funnel performance.
- Ran A/B tests and on-page SEO improvements; increased conversions and organic traffic.

Rush Direct Marketing — Team Leader (Direct Marketing)

Jul 2019 – Sep 2019 | London, UK

- Trained and coached a small team; delivered targets through structured feedback and planning.

Uleis — Front-End Web Developer

Sep 2016 – May 2019 | London, UK

- Delivered WordPress sites and custom front-end features; improved usability and documentation.
- Presented solutions to clients; handled small enhancements and maintenance.

Nantes Ynov Campus — Junior Project Manager

Sep 2015 – Jun 2016 | Nantes, France

- Led small student teams building websites; coordinated delivery and scope.

Key Projects

NHS Vaccination Dashboard — Lead Front-End Developer (Angular, TypeScript, Chart.js, Azure DevOps)

- Delivered a secure, role-aware analytics dashboard that sped up vaccination analysis and enabled patient-level drill-down and exportable datasets.
- Led 3 FE engineers; built a reusable, accessible (WCAG 2.1 AA) component set and design-system patterns.

- Implemented NHS Smartcard auth (OAuth/JWT) with role- and geography-based access; set up CI/CD with rollback for predictable multi-environment releases.

NHS Maternity Recommendations Registry — Lead Front-End Developer (Angular, TypeScript, NHS Design System, Azure DevOps)

- Shipped an accessible registry used daily by NHS staff; improved findability via **audience-based** navigation, search and filters, with exportable tables.
- Led 3 FE engineers; componentised UI with the NHS Design System for consistency and trust.
- Established CI/CD with rollback; aligned UX for Primary Care, ICBs, NHSE and professional colleges.

Skills & Tools

Languages/Frameworks: TypeScript, JavaScript (ESNext), React, Next.js, Angular, HTML5, CSS3, Tailwind CSS

UX/UI: Figma, design systems, accessibility audits, prototyping

Testing/Quality: Jest, React Testing Library, ESLint, Prettier

DevOps/Platforms: Azure, Azure AD/MSAL, Azure DevOps (pipelines), Git/GitFlow, REST/OpenAPI

Ways of working: Discovery → delivery, stakeholder workshops, mentoring, code reviews, documentation

Education & Training

- Nantes Ynov Campus — Ingénierie informatique (2015–2016)
- Zero To Mastery Academy — UI/UX Designer (Nov 2021 – Jan 2022)

Languages

- English (Professional)
- French (Native)