

PHILIPPE HAMELIN

Senior Front-End Engineer — Angular / TypeScript

hamelinphilippe1@gmail.com | +33 6 75 91 82 43 | Paris area, France

linkedin.com/in/philippe-hamelin-459733134 | github.com/phamelin42

Open to fully remote roles and to relocation

PROFILE

Front-end engineer with 8 years of experience, 7 of them on Angular. Technical owner of the front-end on my last two roles: architecture, coding standards, quality and performance. Major version migrations, micro-frontends, shared component libraries, automated testing and CI. Up to date with modern Angular — Signals, standalone components, zoneless, SSR and hydration. Used to working directly with product owners and back-end teams, from specification to delivery. Professional English, experienced in an international, distributed environment.

TECHNICAL SKILLS

Angular Angular 12 → 22, Signals (signal / computed / effect), standalone components, control flow @if / @for / @switch / @defer, zoneless, SSR and incremental hydration, Signal Forms, typed reactive forms, OnPush change detection

Languages TypeScript (strict mode, generics, discriminated unions), JavaScript ES2023+, RxJS (switchMap, mergeMap, concatMap, combineLatest), HTML5, SCSS/SASS, design tokens

State & data NgRx, Signal-based state, services + RxJS, REST, WebSocket, NestJS / Node.js

Architecture Micro-frontends, Nx monorepo, shared component libraries, Storybook, design systems, lazy loading, deferrable views

Quality Vitest, Jest, Playwright, Cypress, unit testing (>90% coverage), code review, SonarQube, ESLint, GitLab CI/CD

Perf & a11y Core Web Vitals, Lighthouse, performance budgets, bundle optimisation (esbuild / application builder), WCAG 2.2 and ARIA accessibility

Delivery Docker, CI/CD, cloud deployment, internationalisation (i18n) and multi-country products

Working Agile/Scrum, writing specifications, requirements analysis, mentoring, AI-assisted development (Claude Code)

PROFESSIONAL EXPERIENCE

Senior Angular Developer

June 2026 – present

Papernest — Paris, France

Papernest automates everyday contract management (energy, telecom, insurance) across several European markets. International environment, working in English.

- Building a business web application used daily in a commercial context by several thousand experts, within an international multi-country environment.
- Owned the decision and the delivery of the migration to Angular 22 and the move to zoneless to improve performance: replaced template function calls with signals and rebuilt the forms with Signal Forms.
- Took over a legacy codebase: close to 58,000 lines removed through de-duplication and component consolidation, with no service interruption.
- Enforced strict TypeScript typing across the whole application to reduce the surface for bugs.
- Sustained code quality at a high delivery pace: 430 commits in 4 months, one in five dedicated to refactoring, testing and readability.
- Embedded Claude Code into the daily development workflow: faster large-scale migrations, test generation and code review.

Angular Developer — Front-End Technical Owner

May 2021 – June 2026

Arteris IP — Paris, France

Arteris IP designs system-on-chip interconnect IP. Internal web application used by engineering teams and customers to configure and analyse designs.

- Technical owner of the front-end: responsible for every page and component of the application, defining the Angular architecture, naming conventions and coding standards.
- Migrated the application from Angular 12 to Angular 16 with no service interruption, then built a reusable component library shared across modules.
- Introduced a micro-frontend architecture and an add-on system allowing the application to be tailored per customer.
- Designed a generic data-table component rendering several thousand rows with sorting, filtering and real-time column resizing.
- Quality: SonarQube, ESLint, systematic pull-request review, over 90% unit-test coverage and Cypress end-to-end tests.
- Wrote the functional and technical specifications for 100% of features, paired with the product owner.
- Mentored the team's junior front-end developer.

Angular Developer

March 2019 – April 2021

MGI Digital Technology — Rungis, France

Manufacturer of high-end digital printing and embellishment equipment. Full redesign of machine and software interfaces in Angular.

- Built a responsive, touch-enabled Angular application from scratch to drive the printing equipment.
- Created generic components and directives reused across the whole product interface range.
- Managed application state with NgRx and integrated REST APIs for real-time data.
- Optimised rendering performance on resource-constrained embedded screens.

Web Integrator (internship)

June 2018 – December 2018

Meltdown Esport Bar — Paris, France

- Built a campaign website for the Make-A-Wish charity in partnership with League of Legends France, featured in the game launcher.
- Built the 'Tribe' mobile app (loyalty rewards and venue geolocation) and a back-office for franchisees.

SIDE PROJECTS

- Angular monorepo hosting several applications and a shared library — hands-on ground for recent Angular: standalone components, Signals, Signal Forms, zoneless, SSR and hydration.
- 'Petit Bac' — real-time multiplayer game: Angular + Socket.IO, NestJS back-end, continuous deployment.
- 'Travel Book' — server-side-rendered travel journal: Angular + NestJS.

EDUCATION

- École 42, Paris — project-based computer science programme (September 2016 – June 2018). Algorithms, systems programming, C, peer learning.

LANGUAGES

- French: native | English: professional (C1) | Italian: intermediate (B1) | Japanese: basic (A2)