

# Simone Pizzamiglio

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## PROFESSIONAL SUMMARY

Senior Frontend Engineer with 8 years of experience, specializing in React and TypeScript for the past 5 years. Proficient at leading and building performant, reusable, and maintainable web applications. Primarily focused on frontend development, with additional exposure to full-stack work. Experienced in both fast-paced startups and larger corporate settings. Flexible and adaptable, comfortable working in ambiguous situations. Strong critical thinking and problem-solving skills. A collaborative team player with good communication abilities, dedicated to delivering high-quality results.

## SKILLS

**Programming Languages:** JavaScript, TypeScript, HTML, CSS

**Technologies:** React, Remix, Next.js, Redux, React Query, GraphQL, Zod, Tailwind CSS, styled-components, Storybook, Cypress, Playwright, React Testing Library, Jest, Vitest, Node.js, Firebase, Postman, Electron, Vite, NX

**Cloud Platforms:** Google Cloud Platform

**Databases:** Firestore

## WORK EXPERIENCE

**Senior Web Engineer, [DNA.inc](#)**

**Oct 2024 – Present**

- Improving performance and architecture of a streaming app serving millions of users:
  - Improved dependency management and code quality in a large NX monorepo with 50+ packages by deduplicating dependencies, enforcing stricter ESLint rules, and introducing Dependabot for automated dependency updates
  - Contributed to technical design documents (TDDs) for improving first-time-to-byte (FTTB), dynamic bundle loading, and observability strategies
  - Implemented Github Actions workflows, improving CI/CD reliability and reducing manual deployment steps
  - Increased team autonomy by setting up a standalone monorepo with full tooling for the UI Toolkit, reducing cross-team dependencies

**Senior Software Engineer, [Bobsled](#)**

**Dec 2023 – Jun 2024**

- Enhanced Typescript support in the E2E repository, facilitating easier contributions from other engineers
- Contributed across the full stack as needed, including the API product, leading to faster feature development
- Added analytics, monitoring, and alerts to enhance responsiveness to operational incidents

**Software Engineer, [Bobsled](#)**

**Apr 2022 – Dec 2023**

- Architected and implemented an Authentication and User management system to ensure compliance with SOC2 by enforcing strict role-based access control
- Led the architecture and development of a data grid component for displaying customer buckets and data warehouses
  - Developed a caching and pagination system to handle large datasets efficiently, scaling to millions of objects
  - Introduced a snapshot system to optimize UI rendering, reducing rendering time from seconds to milliseconds
- Mentored junior engineers and participated in hiring assessments

**Frontend Engineer, [Treatwell](#)**

**Apr 2020 – Mar 2022**

- Improved Electron app performance by optimizing data computation, reducing sign-in to first page display time by 4x
- Assisted in refactoring codebase to communicate with printer models, easing future support for diverse models
- Coordinated and contributed to the development of an internal custom UI design system
- Created an interactive dashboard from scratch to help beauty brands track partner performance metrics

**Junior Frontend Developer, [ParkHere](#)**

**Apr 2019 – Mar 2020**

- Maintained and enhanced an analytics web app to enable companies to monitor parking metrics for their employees

- Developed a React-Native mobile application from the ground up to facilitate booking of parking slots

**Web Developer, self-employed**

**Jul 2017 – Jun 2019**

- Assisted web agencies and startups in building websites and web applications

**Frontend Developer Intern, [freelancer.com](https://www.freelancer.com)**

**Nov 2016 – May 2017**

- Revamped and A/B tested the job posting page with the Product Design Lead, increasing successful postings by 5%
- Applied SMACSS principles to organize CSS effectively, ensuring maintainability and usability across the entire team
- Implemented responsive web design patterns to ensure compatibility across browsers, platforms, and devices

**EDUCATION**

**High School Industrial Diploma in Information Technology, ITI Galileo Galilei**

**Jul 2013**