Daniele Tortora

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WORK EXPERIENCE

Meta
Frontend Engineer (Contract)

Jul 2022 - Feb 2023
Zurich, Switzerland

- Led the rewrite of the Mapillary website from Next.js to Facebook CMS (PHP, React, Flow). The rewrite improved Lighthouse scores for Accessibility by 36%, Performance by 17% and SEO by 25%.
- Core Web Vitals improvements included reducing FCP by 20% and reducing LCP by 60%.
- Implemented i18n support for the Mapillary web applications (Angular 13, TypeScript). Added localisation to 24 languages using the @angular/localize library. Currently working on improving the frontend architecture to adopt Angular best practices.

Tundra
Software Engineer

Nov 2021 - Jul 2022
Zurich, Switzerland

- Led the migration of the Tundra.com e-commerce platform from an Angular single page application to a Next.js (React, TypeScript, RxJS) server-side/hybrid rendered application, resulting in ~20-40% improvement in all core web metrics. Led the adoption of Next.js across the front-end teams through workshops, demos and pair programming.
- Designed the authentication strategy for WholesaleCoop.com (Next.js, React, TypeScript) with improved web security and developed the entire UI authentication flow on WholesaleCoop, its admin panel and Chrome extension. Played an integral role in launching the new product in just 6 weeks.
- Led the front-end team's adoption of NX and set up the integration between NX and our CI/CD pipeline in CircleCI, resulting in a significant improvement in CI execution time (from PR open to deployment) by leveraging the NX Graph.

Reason for leaving: Tundra announced lay-offs for 80% of Engineering in June 2022.

tray.io
Frontend Engineer

Jan 2021 - Oct 2021
Remote

- Migration of Tray documentation platform from Gatsby to Next.js (React, TypeScript, Node.js). Improved build time by 80% by removing bottlenecks in the Jenkins pipeline. Increased test coverage for the full stack application from 300 to 1000 units and integration tests. Significantly improved all Google Core Web Vitals metrics and achieved an SEO score of 100 on Lighthouse.
- Separated monolithic functions used across teams into NX packages and libraries, improving the FE architecture of the Tray app.

Reason for leaving: relocated from Italy to Switzerland.

OVO Energy
Frontend Engineer

Jun 2020 - Jan 2021
London, United Kingdom

- Developed an interactive map for web (React, TypeScript, RxJS, Redux), Android and iOS (React native) using Mapbox and React Map GL. Built prototypes for each of the different SDK providers (Google Map, Mapbox, Leaflet). Ensured that the chosen solution was performant and cost-effective based on traffic.

Reason for leaving: relocated from the United Kingdom to Italy due to family reasons.

Noble CyberSecurity Solution
Frontend Engineer (Contract)

Jun 2019 - April 2020
London, United Kingdom

- Worked on Noble Vision, a Dashboard that allows analysts to view real-time threats within their network. Transitioned the application from a native desktop application built in Electron, to a web-based solution in React, Redux, TypeScript and GraphQ

Hackney Council
Software Developer (Contract)

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Oct 2018 - Jun 2019
London, United Kingdom

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- ○ Developed web features on the Developer Portal using (Angular 7, and TypeScript) and API endpoints (C# and .NET Core 2.1).

Hackney Council
Project Officer

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Sept 2016 - Oct 2018
London, United Kingdom

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- ○ Planning, leading and delivering on Borough-wide resident sustainment initiatives. Working with partnering services and organizations to develop and deliver awareness-raising programs relating to resident sustainment for audiences of staff and residents.

EDUCATION

Università degli Studi di Napoli Federico II
MSc Clinical Psychology Grade: 110/110

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Naples, Italy
2012-2015

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Università degli Studi di Napoli Federico II
BSc Psychology Grade: 110/110

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Naples, Italy
2008-2012

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TECHNOLOGIES AND SKILLS

HTML, CSS, JavaScript, Node.js, React, Next.js, Vue, Nuxt, TypeScript, Angular 2+, React Native, GraphQL, Apollo, Relay, Redux, RxJS, PHP, Jest, Cypress, CircleCI, Git, GitHub, Accessibility, a11y.