



# Alessio Prestileo

Senior Frontend Engineer

**LinkedIn:** <https://linkedin.com/in/alessioprestileoalep>

**GitHub:** <https://github.com/alessioprestileo>

**Website:** <https://alessioprestileo.com>

**E-mail:** [alessioprestileo@gmail.com](mailto:alessioprestileo@gmail.com)

**Mobile:** +1 458 600 4103

**Location:** Bend, OR 97702, USA

## Profile

Senior Frontend Engineer with **9 years** of professional experience, specializing in **React, TypeScript, and scalable frontend architecture**. Proven track record delivering high-quality web and mobile applications, mentoring engineers, and collaborating with product/design teams to build intuitive, performant solutions. Experienced in both **greenfield projects and legacy projects**.

## Core Competencies

React · TypeScript · NodeJS · Modular Frontend Architecture · Design Systems · Scalable UI · Performance Optimization · CI/CD · Automated Testing · Mentorship · Product Collaboration

## Professional Interests

- ✦ Strongly typed functional languages: Haskell, PureScript and Elm.
- ✦ Modular Software Architecture: Attended “Master Class in Software Architecture” course taught by “Uncle Bob” Martin.
- ✦ Improving developer workflows through tooling, CI/CD, and coding conventions.

## Education

- ✦ M.S. Naval Architecture and Marine Engineering 📍 University of Genoa, Italy 📅 2011
- ✦ B.S. Naval Architecture and Marine Engineering 📍 University of Genoa, Italy 📅 2008

## Work Experience

### Senior Software Engineer

📅 2020-Present 📍 Forsta AS 📍 Oslo, Norway and remote, US

- ✦ Acted as the principal point of contact for **TypeScript** expertise, shaping coding standards and mentoring colleagues.
- ✦ Contributed to the development and maintenance of a company-wide **design system** counting ~50 UI components implemented using **React**.
- ✦ Improved types on 500k lines codebase, reducing **runtime errors** by 50%.
- ✦ Built and delivered features **end-to-end**, collaborating with PMs and designers to balance performance, maintainability, and product impact.
- ✦ **Mentored** engineers, conducted code reviews, and established coding conventions and internal tooling.
- ✦ Enhanced **CI/CD** pipelines and code architecture, increasing automation and reducing lifetime of merge requests by 50%.
- ✦ Created coding challenges and assessed ~50 prospective candidates in technical interviews, hiring 12 engineers in 2022.

### Senior Software Engineer / Frontend Lead

📅 2018-2020 📍 Ziriur AS 📍 Oslo, Norway

- ✦ Developed an ERP web application and an expense claim mobile app using **React/ReactNative/TypeScript**.
- ✦ Implemented and maintained design system, coding conventions, and deployment pipelines.
- ✦ Mentored engineers, conducted code reviews, and led frontend team initiatives.
- ✦ Conducted interviews, created coding challenges and home assignments to assess prospective candidates.

### Software Engineer

📅 2017-2018 📍 07 Media AS 📍 Oslo, Norway

- ✦ Developed and maintained websites using Angular, Vue, Drupal, and WordPress.
- ✦ Key contributor to projects including [speiding.no](https://speiding.no) and [tradisjonsmat.no](https://tradisjonsmat.no)

### Structural Engineer

📅 2011-2016 📍 DNV 📍 Oslo, Norway

- ✦ Performed non-linear FE calculations to assess the ultimate strength of marine structures.
- ✦ Developed custom engineering software using Python and C++.