



Alessio Prestileo

Senior Frontend Engineer

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Location: Bend, OR 97702, USA

Profile

Senior Software Engineer with 9 years of professional experience and deep expertise in software architecture. Proven track record in developing and maintaining web and mobile applications using a variety of languages and frameworks. Excellent problem-solving skills and meticulous attention to detail. Exceptional ability to review code and mentor less experienced developers.

Skills

Programming skills

Clean code ●●●●●
Refactoring ●●●●●
Debugging ●●●●●
Testing ●●●●●
Monorepo ●●●●●

Frameworks & Libraries

React ●●●●●
Redux ●●●●●
NodeJS ●●●●●
npm ●●●●●
Webpack ●●●●●
React Native ●●●●●
Angular ●●●●●

Programming Languages

TypeScript ●●●●●
HTML, CSS, JS ●●●●●
Python ●●●●●
C++ ●●●●●
Haskell ●●●●●
SQL ●●●●●

Personal Skills

Mentoring ●●●●●
Reliability ●●●●●
Receptiveness ●●●●●
Collaboration ●●●●●

Other tools

Git ●●●●●
Jira ●●●●●

Natural Languages

English ●●●●●
Italian ●●●●●
Norwegian ●●●●●
Portuguese ●●●●●
Spanish ●●●●●

Work Experience

Senior Software Engineer

2020-Present

Oslo, Norway and remote, US

Forsta AS

- ✦ Main contact for TypeScript within the company.
- ✦ Practically eliminated runtime errors on 500k lines codebase by improving types.
- ✦ Contributed to new features by writing implementation, unit tests and e2e tests.
- ✦ Spent ~20% of time reviewing pull requests from other developers.
- ✦ Solved a variety of urgent bugs reported by users, as well as well known problems caused by poor architecture.
- ✦ Significantly improved deployment pipeline built with TeamCity (increased automation, reduced build time).
- ✦ Collaborated with UI/UX experts to enhance user experience and contributed to development and maintenance of a company-wide design system.
- ✦ Key role in technical interviews for prospective candidates (~50 candidates assessed in 2022, 12 candidates hired).
- ✦ Significantly improved developer experience by developing coding conventions and internal tooling.
- ✦ Contributed to the development and maintenance of an internal design system counting ~50 UI components.
- ✦ Assumed leadership in overseeing and delivering impactful, large-scale projects, collaborating with cross-functional teams of developers spanning diverse areas of expertise.

Senior Software Engineer

2018-2020

Oslo, Norway

Zirius AS

- ✦ Developed an ERP web application and an expense claim mobile app.
- ✦ Created and maintained design system implementation and developed coding conventions.
- ✦ Created and maintained deployment pipeline.
- ✦ Implemented OAuth 2.0 authentication for web and mobile clients.
- ✦ Assumed the role of frontend lead, mentoring and performing code reviews for less experienced developers.
- ✦ Conducted interviews, created tests and home assignments to assess prospective candidates.

Software Engineer

2017-2018

Oslo, Norway

07 Media AS

- ✦ Developed and maintained websites using Drupal and Wordpress on the backend, Angular and Vue on the frontend.
- ✦ Key contributor to the development and maintenance speiding.no and tradisjonsmat.no

Structural Engineer

2011-2016

Oslo, Norway

DNV

- ✦ Performed non-linear FE calculations to assess the ultimate strength of marine structures.
- ✦ Developed customized features for engineering applications using Python and C++.

Individual Learning

2016-Present

- ✦ Strongly typed functional languages: Haskell, PureScript and Elm.
- ✦ "Master Class in Software Architecture" course taught by "Uncle Bob" Martin.
- ✦ Fundamentals of 3D graphics in OpenGL.
- ✦ Advanced use of pointers, templates and polymorphism in C++.

Education

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