Martin Polley

Detail-oriented full-stack developer focused on
delivering quality through planning and precision

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Experience

'22 - '25   Student Software Engineer, Lenus eHealth, Copenhagen

- Worked for a health-tech company on developing systems used by fitness coaches and their clients using React and React Native for the frontends and Fastify and PostgreSQL for the backend and database.

- Collaborated with designers and project managers and engaged in technical planning to plan the development of new features with other developers. Conducted code reviews and pair-programming sessions.

- Among many other features, developed a Facebook-like mentioning feature to increase client retention through increased cross-client interaction.

Education

'22 - '25   BSc. Computer science, University of Copenhagen, Copenhagen

- Gained an understanding of algorithms and datastructures, discrete mathematics, formal software development techniques, computer systems and low-level programming, interaction and participatory design, and implementation of programming languages.

- Bachelor thesis: "Extending the WhyMon monitor with aggregations". Wrote the theoretical background for extending an existing "runtime monitor" with with aggregation operators (like those found in SQL, i.e. sum, count, avg, etc.), and implemented it in practice using primarily OCaml as well as React.

Projects

React Denmark Map

- Developed a library for React that enables developers to display and customize a map of Denmark through an intuitive API. The library is used in production projects, i.e. at diabetestal.nu.

- Gained a deeper understanding of the underlying workings of React, wrote tests and thorough documentation, published it on NPM, and collaborated with another open-source developer to release v2.0.

Onsplash

- Made a clone of the image-sharing platform, Unsplash, using Typescript, React, Next.js, GraphQL and Hasura. The website allows you to add images to your profile and interact with other people's images.

Skills

Programming languages and tools

Typescript, Python, C#, F#, OCaml, C, C++, Git.

Frontend technologies

React, Next.js, Svelte, Tailwind, React Native, Jest, Cypress.

Backend technologies

PostgreSQL, Express/Fastify, Knex, GraphQL.

Languages

Fluent in Danish and English.

About me

In my spare time I unwind my reading a book, watching movies, or playing video games. I also like to cook, particularly italian food, and more recently I've gotten into bread-baking (although I'm not very good at it but it obviously takes practice).