

CV - Christofer Ärleryd

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Experience

Discovery Networks

June 2018 - April 2021

I started out as a web front-end developer in a small team in Stockholm. We were soon moved to London where we quickly grew from four to over ten developers, working on a framework for building customized streaming solutions for several of Discovery's different streaming offerings.

In early 2020, our team was tasked with building and launching Discovery+ for the US market using the framework we had built. This was by far the largest undertaking of our team, and I was tasked with leading this project from our end.

The project took a little over a year until launch, and my responsibilities ranged from onboarding, teaching developers and guiding product and design teams. It was a very challenging experience and it taught me a lot about how to work with people across different disciplines, time zones and cultures.

The codebase had a strong focus on functional programming and type safety. It was all written in TypeScript and React, and used additional libraries ranging from MostJS and fp-ts to custom made Optics with inspiration from Haskell.

Äventyret (Web app in-house studio)

June 2017 - June 2018

Worked as front-end web developer in small teams producing small to medium sized web apps for clients. We often chose cutting edge technology that could facilitate fast agile development.

On my second project at the company I got the opportunity to lead the front-end development team. As the project was greenfield, I was able to decide on the tech stack and make architectural decisions in collaboration with our backend team.

The technologies used were, among others, React, Redux, Apollo and GraphQL.

Ahead Inc (Social media startup)

Apr 2015 – Apr 2017

Co-founder and Software Developer. I was in charge of testing and releasing the React Native mobile app for both iOS and Android. The web platform was the world's second largest written in Elm at that time. The REST backend was written in the Elixir framework Phoenix.

VISIARC (iOS and Android app in-house studio)

Jun 2015 – Aug 2015

Developed the app Solklart, a cross-platform native app for iOS and Android. The app shows weather forecasting visualization from thousands of data points supplied by open data from the Swedish Meteorological institute (SMHI).

Education

Computer Science (M.Sc.), Linköping University
Specialized in Artificial Intelligence and Data Mining

Aug 2013 - Jun 2016

Computer Science (B.Sc.), Linköping University
Specialized in Software Development

Aug 2010 - Jun 2013

Reflection and self studies (April 2021 - Now)

Since leaving my previous job at Discovery I've been on a long planned hiatus. I did this to reflect on where I wanted my career to go because I wasn't completely content working with client technologies.

For the last two months I've been fully focusing on learning everything I can about smart contract development for the Cardano blockchain. I've gone through the second iteration of the Plutus Pioneer Program, and prior to this I spent a couple months in 2021 intensely focused on learning mainly Haskell but also Purescript and Nix.

Lately I've been studying how to best deploy my own smart contracts on the testnet using the PAB and the cardano-cli. You can find my work in progress on my GitHub starred projects.