# Christian Dannie Storgaard | Full-stack Developer / Technical Team Lead

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#### **ABOUT**

Developing websites since 1995, I've used JavaScript since its inception and have worked on frontend, back-end, desktop, mobile, and the DevOps side of things. I tend to find improvements to the experience of both users and developers and ways of optimising processes within the code and my work environment. I'm passionate about open communication and cooperating as a team.

#### **EXPERIENCE**

Freelance | Space Cow Media, Undisclosed Startup

remote 2024-2025

I worked on several projects: helping rewrite an aging Vue/Flask server in modern React/Python (including updating the payment system and helping with seamless migration to the rewrite), as well as building an LLM-assisted medical assistance tool to help doctors with patient records.

- Ensured complete reproducability and stable dependency management by adding Nix-based development tooling and CI pipeline setup
- Added a testing framework and a full unit test suite to ensure a reliable switch from the existing codebase to the rewrite
- Guided a team of five junior developers with tooling, dev-setup and LLM communication, set up the CI/CD pipeline and orchestrated the deployment platform using Azure

 $\label{eq:css3} \textbf{Technologies:} \ \, \textbf{Node.js} \cdot \textbf{Python} \cdot \textbf{Flask} \cdot \textbf{FastAPI} \cdot \textbf{React} \cdot \textbf{Vue} \cdot \textbf{CSS3} \cdot \textbf{Material UI} \cdot \textbf{Emotion} \cdot \textbf{PayPal} \cdot \textbf{PostgreSQL} \cdot \textbf{Azure} \cdot \textbf{Docker} \cdot \textbf{Nix}$ 

## Senior Software Engineer | Enginable

remote 2023- 2024

Being in charge of all front-end development, I designed and implemented modular interfaces, UI components as well as their backend implementations, with a focus on dynamic use, generation and interoperability.

- > Implemented an extendable and customisable dialogue flow system for non-developers
- > Re-implemented a multi-year, 250k+ line project in modern patterns and languages in 3 weeks
- › Created a prototyping platform for creating and deploying demoable multi-platform projects in mere hours
- > Designed and implemented a multi-modal LLM front-end including its API and adaptive widget architecture

 $\textbf{Technologies:} \ \ \textbf{Typescript} \cdot \textbf{Svelte} \cdot \textbf{Tailwind} \cdot \textbf{Clerk} \cdot \textbf{PNPM} \cdot \textbf{Python} \cdot \textbf{Flask} \cdot \textbf{Docker} \cdot \textbf{Nix} \cdot \textbf{Vercel}$ 

## Technical Team Lead | Contractbook

remote 2022- 2022

After starting in a Fullstack position, helping to launch a redesign of user file management, I took over as Technical Team Lead for one of six teams at the company.

- Restructured workflows, daily practices and documentation, enabling the release of three new major features in two months
- > Optimised the deployment pipeline, reducing the time to deploy by hours
- Transitioned my team from the lowest developer experience satisfaction scores in the company to one of the highest

 $\label{eq:continuous} \begin{tabular}{ll} \textbf{Technologies:} & \textbf{Elixir} \cdot \textbf{Ecto} \cdot \textbf{Typescript} \cdot \textbf{React} \cdot \textbf{Redux} \cdot \textbf{ProseMirror} \cdot \textbf{Stitches} \cdot \textbf{Smartling} \cdot \textbf{PostgreSQL} \cdot \textbf{Yarn} \cdot \textbf{Docker} \cdot \textbf{Github Actions} \cdot \textbf{Google Cloud} \\ \end{tabular}$ 

## Senior Software Engineer | Portchain

remote 2021- 2022

Working with other Senior Software Engineers on the company's main user-facing Next.js-based product, I helped modernise the codebase and improve team cooperation.

- Organised a sprawling codebase into distinct packages with proper documentation
- > Updated the front-end code to use more modern React and CSS features and declarative markup
- Spearheaded general and functional programming documentation efforts and initiated developer brainstorm sessions on best practices

 $\label{eq:total_continuous_continuous_continuous} \textbf{Technologies:} \ \ \, \textbf{Typescript} \cdot \textbf{fp-ts/io-ts} \cdot \textbf{Node.js} \cdot \textbf{Next.js} \cdot \textbf{Redux} \cdot \textbf{Styled Components} \cdot \textbf{ElasticUI} \cdot \textbf{PostgreSQL} \cdot \\ \text{Socket.IO} \cdot \textbf{NPM} \cdot \textbf{Docker} \cdot \textbf{Heroku} \cdot \textbf{Segment}$ 

Apart from designing and building the back-end and infrastructure, I also oversaw hiring the company's development team and managed them daily. I also implemented code-sharing between mobile and web developers possible across frameworks.

- > Trained several junior developers to mid levels where they could take over future development
- Set up the data warehouse pipeline with analytics and monitoring integration
- > Created a shared base library, enabling shared code between React, React Native and mithril.js
- > Designed and implemented the backend, infrastructure and API service, including the public documentation

### Technical Architect and Engineer | TrainAway

remote 2017-2017

After benchmarking several test implementations and agreeing on the best cost-to-performance version, I designed and built the back-end and infrastructure for the E-commerce start-up.

- Architected and developed the back-end and infrastructure to handle the expected traffic within a restricted budget
- Assisted the outsourced front-end team with implementation and UX
- > Set up continuous integration and deployment pipelines for the project

Technologies: Node.js · Restify · PostgreSQL · Swagger/OpenAPI · Angular · Docker · Nginx · AWS · Stripe · Mailchimp

Freelance | Pfizer Animal Health / Zoetis, Mingoville, AllCongress

remote 2012-2017

I worked on several contract projects in the pharmaceutical, educational and service industries. Most projects were designed from scratch, but a few updated or fixed older codebases.

- Designed and implemented a data warehouse and analytics infrastructure to handle sensitive customer information
- › Authored a minimal WebGL game engine specifically for interactive iOS presentations
- > Optimised a map data and payment server to be hundreds of times faster

 $\label{eq:Technologies: Node.js PHP · Express · Socket.IO · RabbitMQ/MQTT · Jade · CSS/LESS/SASS · Bootstrap/Foundation · Angular.js/Angular · Python · PostgreSQL · Docker · Nginx · Apache Cordova$ 

#### Senior Frontend Developer | Anthill Agency

Denmark 2011-2012

I took over and modernised a legacy project and was in charge of internal frameworks, cross-platform dev-tools and design systems.

- > Improved cross-platform (web+mobile) development times significantly by creating a web layout framework with custom IE8 polyfills
- › Automated build processes and introduced CI/CD to the company
- > Integrated analytics and monitoring in legacy systems, eventually fixing long-standing bugs and slow-downs

 $\label{eq:continuous} \textbf{Technologies:} \ \ \textbf{Node.js} \cdot \textbf{Socket.IO} \cdot \textbf{MQTT} \cdot \textbf{CSS/LESS/SASS} \cdot \textbf{Bootstrap/Angular} \cdot \textbf{Python} \cdot \textbf{MySQL/PostgreSQL/MongoDB} \cdot \textbf{Docker} \cdot \textbf{Nginx} \cdot \textbf{Apache Cordova} \cdot \textbf{Objective-C} \cdot \textbf{Ruby}$ 

#### **PROJECTS**

#### Wine Desktop Integration | Ubuntu

2009-2010

> Was highlighted as one of the main reasons for companies to switch to Ubuntu on several online news-sites

Technologies: Python · NumPy · GTK · Gnome · XDG

Roles: Developer · Project Planner · Designer · Graphics Artist

## The Vineyard Project

2009

A set of utilities and Python libraries for interfacing with and managing Wine prefixes and proprietary Windows file types.

Roles: Project Lead

LinReaper

Linux compatibility wrapping of the DAW program Reaper from Cockos Inc. The focus of this project is a completely transparent integration of the Microsoft Windows compatibility framework Wine into the standard XDG/FreeDesktop.org based Linux desktop as well as a separate installation program and control panel.

> LinReaper is currently in use in several professional sound studios around the world

Roles: Project Lead

## CeeMedia Movie Catalog

2005-2009

2008

A film catalogue and management program for Linux and to a lesser degree Windows. Can also play movie files.

CeeMedia is used for film showcasing at the "transmediale" film festival in Berlin

Roles: Project Lead

## GryPhon Linux CD-Player |

2001-2009

One of the first GTK2 CD-players for Linux (and the first themeable one, and still the only to support per-CD theming) and its CDLow library was the first hardware-accessing Python library for playing CDs (it's also still in use in other people's projects).

Roles: Project Lead

#### **REFERENCES**

"Christian is an extremely experienced full-stack developer with broad interests, going back to the Amiga days. He would be a great addition to the team no matter what's your tech stack (which was exactly the case at Contractbook and he adapted in no time).

He is also a great team lead. I especially appreciate Christian's methodical approach to improving team processes - he's one of the most organized and deliberate people I had the pleasure to work with. He's also very good at making long-term improvements through a continuous series of small but impactful steps."

— Wojciech Zawistowski – VP of Engineering at Contractbook

Aside from developing, Christian also spend time managing our development team, ranging from 3-8 people. Every developer we have had as a part of the company really enjoyed working with Christian as their lead developer, drawing on his extensive experience across more or less all technical aspects. "

- Mikael Vincents Nielsen - Co-founder of TrainAway

#### **SKILLS**

Languages	
Front-end (25+ years)	Svelte React Angular mithril.js Styled Components Tailwind.css tachyons Stitches
	Bootstrap Foundation ElasticUI ProseMirror Redis Redux Socket.io fp-ts / io-ts
Back-end (20+ years)	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
Databases (20+ years)	PostgreSQL MySQL / MariaDB MongoDB
DevOps (10+ years)	Docker     Nix     AWS     Bitbucket Pipelines     sourcehut builds     Github Actions     Google Cloud
	Vercel Heroku Dokku Nginx
Tools	NPM / PNPM / Yarn Apache Cordova Clerk Segment Smartling Matillion Snowflake
	Stripe Adyen

## **PERSONAL LIFE**

I'm originally from Copenhagen, Denmark, but I'm currently in Greece. Here, my dockerised NAS is slowly taking over my other computers, and I wish I had more Raspberry Pls. When I'm not in front of my main computer, I feed my growing film collection (don't get me started on trivia), fiddle with my good ol' Commodore Amiga (also don't get me started on trivia), make a bit of music, or plan costumes for the next Halloween.

<sup>&</sup>quot;Christian's work as CTO at TrainAway has been invaluable. He basically architected and built the entire infrastructure of our platform from scratch. Christian was in charge of all back-end related development in his time at TrainAway and also the lead on most front-end development.