JACOB
WORCK JEPSEN
FREELANCE FRONTEND ENGINEER

Contact info

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About me

My name is Jacob, and I'm a 29-year-old software developer with a passion for web development. I have spent four years at IT-Minds and Trifork, consulting for some of the biggest companies in Denmark, and one year as a frontend developer at Undo. All of these experiences have given me great learning opportunities.

I enjoy collaborating in agile teams and working closely with designers to craft beautiful, accessible applications, so if you need an extra pair of hands, either to lay the foundation for your next application or as part of a team, feel free to reach out.

Experience

Period	Title	Location	Company
2023-now	Freelance Frontend Engineer	Copenhagen	JWJ Consulting
2022-2023	Web developer	Copenhagen	UNDO
2020-2022	Software Pilot	Copenhagen	Trifork
2018-2020	Software Developer	Copenhagen	IT-minds
2017-2018	Software Developer Intern	Copenhagen	IT-minds

Education

Period	Title	Institute
2014-2018	BSc in Software Technology	Technical University of Denmark
2011-2014	Higher General Examination Programme (STX)	Allerød Gymnasium

Projects

Klinik Portal, Carve, 2023

As a fullstack developer at Carve, I played a role in the development of an application aimed at facilitating internships for students during their studies. My responsibilities also extended beyond programming as I also actively participated in the identification and analysis of system requirements.

Technology: Javascript, ASP.NET Core MVC, Bootstrap, CSS, HTML, MSSQL

Car insurance platform, Undo, 2023

At Undo I was part of a large team focusing on the user facing products. My job was to improve, maintain and further develop the existing React app. I was the first full time web developer they hired. The work that I'm most proud of was the complete redesign of the products customisation screen which also led to the creation of a library for calculating Undo's insurance prices. The library is framework agnostic so any frontend framework can be used with it.
During my time in Undo I learned a lot about web development, having it being my only focus for a year. I gained extensive knowledge and experience and also completed Josh Comeau's CSS course, "CSS for Javascript Developers," which helped me to better understand and work with CSS by setting the right mental model.

Technology: Create React App, styled-components, Github Actions, React Testing Library, MSW, React Hook Form, Storybook, React-spring (animation library), Figma, Mobile-first development, Responsive design, Typescript, styled-components, GraphQl, Apollo Codegen, semantic HTML, CSS, a11y

Administration tool, Trifork, 2021

One of the biggest companies in Denmark needed a complete rebuild of an existing solution. Our team consisted of 8 developers spread across mobile, backend and frontend. The project was run according to agile methodology and used Scrum.
As lead of the frontend efforts I was responsible for developing an administration tool used to create, update and delete data entries used by the mobile apps but also re-designing and making sure the solution was thoroughly tested using unit and integration tests. I also had the pleasure of mentoring a junior developer in react who ended up making a big impact on the project.

Technology: Create React App, Chakra UI, Github Actions, React Hook Form, React Testing Library, React Query, React Table, OpenApi

Component creator, Trifork, 2021

A project run by another business unit had a sharp deadline and needed help with the frontend. My role was to focus on creating reusable components that comply with accessibility requirements, such as keyboard gestures, while the original team focused on the business logic. Despite only being part of the team for a few weeks, I got to work with some very skilled React developers and had the opportunity to practice writing semantic HTML and creating accessible components.

Technology: React, Chakra UI, emotion, semantic HTML, Accessibility, React Testing Library

Sales generator, Trifork, 2021

For this project, I was part of a two-person development team responsible for creating an application to showcase our client's product and persuade customers to make a purchase. The freelancer on our team handled the backend, while I focused on the frontend. We designed the application to be interactive, allowing users to input data and see comparison results through various graphical representations. In addition to developing the frontend, I also worked closely with the product owner to ensure a positive user experience. The team held daily stand-up meetings to discuss progress, address any issues, and plan the next steps.

Technology: Create React App, React-Router, Apache ECharts, Chakra UI, React Hook Form, React Testing Library

Feedback platform, Trifork, 2021

This project involved a team of 7 developers, including backend developers, frontend developers, and a data scientist. Our goal was to create a feedback platform that would allow users to receive criticism and feedback before releasing a product to the public. We followed the Scrum framework, holding daily stand-ups and weekly planning and estimation meetings. This project was particularly memorable for me because it solidified my passion for frontend development and made me determined to pursue it as a career. It was also the first time I had used React and Next.JS in a professional project.

Technology: React, NextJS, Material UI, React Testing Library, Storybook, Docker, Github Actions

Name not disclosed, Trifork/IT-minds, 2020

For this project, I was a consultant from IT-Minds hired by Trifork. I am unable to disclose the specifics of the system due to a strict non-disclosure agreement (NDA). Our team consisted of six developers with expertise in both backend and frontend development. While I started out as a full stack developer, I eventually focused more on the frontend as the project progressed. This project was extremely valuable to me as it allowed me to work with a highly skilled team and learn a great deal about testing, architecture, and design patterns. I was also lucky to be a part of an amazing scrum process that really convinced me just how important it is. It was also during this project that I decided to leave IT-Minds and join Trifork.

Technology: Angular 8, Redux, Spring Boot, Kotlin, PostgreSQL, Cypress end-to-end testing, Unit test, Integration test, Mocha, Jenkins, Continuous Integration and Continuous Deployment, Docker, Behaviour Driven Development, OpenApi

New DSB app, IT-minds, 2019

After receiving my degree, I was hired by Trifork to join a team of 5 developers on a project to create a new DSB app using the latest technologies. One of the key features we focused on was the ability to make data-driven updates to the app without having to redeploy it. I was fortunate to have an experienced Android developer mentor me throughout the project, which lasted for a year and a half. Despite the tight deadlines and challenging times, the team maintained a positive and supportive atmosphere. I gained a lot of valuable experience and knowledge from this project, and I'm grateful for the opportunity to learn and grow as an Android developer, even though I had only minor experience in the platform.

Technology: Android 8/9, Android Jetpack, ConstraintLayout, MVVM architecture, Kotlin, OpenApi

Technical competencies

Levels: Advanced, Proficient, Experienced, Some experience

Language	Level	Last used	Years used
JavaScript & TypeScript	Advanced	2023	5
HTML and CSS	Advanced	2023	5
Java	Experienced	2018	3,5
Kotlin	Proficient	2021	3
C#	Some experience	2023	2

Framework/Library	Level	Last used	Years used
React	Advanced	2023	2,5
Next.JS	Some experience	2021	2
Vue.js	Some experience	2017	0,5
Angular 7 and 8	Experienced	2020	1,5
Android 8 and 9	Experienced	2021	2
Spring Boot	Proficient	2021	2
ASP.NET Core	Some experience	2023	1,5

API	Level	Last used	Years used
RESTful	Advanced	2023	6,5
GraphQL	Proficient	2023	1
Apollo Codegen	Advanced	2023	1
OpenAPI	Proficient	2021	1,5

Design	Level	Last used	Years used
Responsive	Advanced	2023	2

Mobile-first	Advanced	2023	2
Figma	Experienced	2023	2
Miro	Some experience	2021	0,5

Database	Level	Last used	Years used
PostgreSQL	Experienced	2023	2
MSSQL	Some experience	2023	1
MySQL	Some experience	2016	1,5

Test	Level	Last used	Years used
Unit	Advanced	2023	5
Integration	Proficient	2023	3
End-to-end (cypress)	Some experience	2021	1,5