David
Karlsson

SENIOR FRONTEND DEV
/DESIGN ENGINEER

Strong focus on code quality and delivery.

Team player at heart – performs best together with others who want to move forward.

Experience from teams of all sizes, distributed and onsite, both as member and lead.

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Tools and Platforms

TypeScript, React, Motion, Tailwind CSS, Storybook, Next.js, Vite, Turbo, pnpm, Vue.js, Figma, GSAP, Three.js, REST APIs

EXPERIENCE

FRONTEND ARCHITECT
Swedish Institute for Standards (SIS) 2023 - present

Responsible for architecture and technology choices in a modern monorepo ecosystem with 10+ React applications. Built a design system with 40+ components from scratch based on Radix UI with focus on accessibility and reusability. Set up monorepo structure with pnpm workspaces and Turbo for optimized build pipeline. The design system resulted in 85% component reusability and 65% faster feature development across all applications.

Key competencies in this assignment:
React 19, React Router v7, TypeScript, Tailwind CSS v4, Radix UI, Storybook, TanStack Query, Vite, Turbo, pnpm, i18next, Zod

FRONTEND LEAD/COACH
PostNord 2019 - 2023

Lead developer for PostNord's rebranding and component library in Storybook with accompanying design system in Figma. A complex system landscape that included migration of several enterprise services from older versions of Angular to Vue.js. Also acted as coach for multiple teams to ensure WCAG requirements and CSS best practices. Conducted technical interviews when hiring frontend developers for the project.

Key competencies in this assignment:
Accessibility according to WCAG 2.1, Stencil.js, Vue.js, Nuxt.js, React.js, CSS, Jira, AWS, Three.js, Figma

FRONTEND LEAD
Genera Networks 2015 - 2019

Frontend Lead at the company, responsible for frontend architecture and leadership in all projects.

Key competencies in this assignment:
Javascript, HTML, CSS, Express.js, GSAP, Nuxt, MongoDB, Vue.js, Gulp, jQuery

FULL STACK - ADMIN PLATFORM
Genera Networks 2018

Design and development of an Administration interface for Genera's Backend. Session management and authentication were built from scratch in Express.js. Express was also used as middleware to fetch all data from the Backend.

Key competencies in this assignment:
Node.js, javascript, express.js, HTML, CSS

UI/UX/FRONTEND

HACD 2018

Responsible for design, UX and development of a betting platform for e-sports. Server-rendered interface in Nuxt.js.

Key competencies in this assignment:
Nuxt.js, HTML, CSS, Sketch

FRONTEND LEAD
Postkodlotteriet Germany 2017

Created a visualization tool for Postkodlotteriet in Germany. Developed both the product idea and executed the technical implementation.

Key competencies in this assignment:
Vue.js, Mapbox, MongoDB, Node, Express

FRONTEND LEAD
Win-it 2017

Development and design of a chrome extension to visualize scratch cards on e-commerce sites.

Key competencies in this assignment:
Chrome extension, Vue.js, Canvas

FRONTEND LEAD
Nabor 2.0 2016

I led the frontend development of Nabor 2.0 for a Danish client on-site with the team in Denmark. The entire Vue.js ecosystem was used to build the game.

Key competencies in this assignment:
Vue.js, Webpack, Stylus, Mapbox, Umbraco

FRONTEND LEAD
Nabor 1.0 2015

I took over the development of the first version of "Nabor", which is a game similar to Postkodlotteriet played on a map where winner calculation is based on an address.

Key competencies in this assignment:
Gulp, SASS, Browserify, Node, i18n, jQuery, Here Maps, Facebook API, Require

FRONTEND DEVELOPER
River 2014

Worked on development for various clients such as Nike, Pistonhead, Björn Borg and Nokia.

Key competencies in this assignment:
Vanilla JavaScript, HTML, CSS, Wordpress

APP DEVELOPER
Vicky Teknik AB 2010-2012

Development of iOS app for iPad to control messages displayed on signs on the back of trucks during roadwork.

Key competencies in this assignment:
Objective-C, Xcode, Python

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