

David Knudsen

SOFTWARE ENGINEER

Linkedin: <https://www.linkedin.com/in/david-knudsen-96a72b25b/>

Portfolio: <https://davidknudsen0304.netlify.app>

ABOUT ME

As a Sr frontend developer who has 9+ years of experience in modern JS frameworks and AWS, I'm very experienced in web development by using React/NextJS, React Native, Ionic, Vue, WordPress, and AWS services.

- Especially React/React Native, Vue is my main skill and I have built lots of websites with React by combining various UI/CSS, State management, and unit test libraries.
- I'm very familiar with Material UI and Chakra UI as well as Bootstrap and Tailwind CSS.
- I'm very experienced in mobile responsive and API integration.
- Also, I'm good at AWS services so I used to deploy the web app with AWS services such as AWS Amplify, CodeDeploy, CodePipeline, EC2, and S3...

- ReactJS/NextJS, React Native/Ionic, VueJS, WordPress, Web3.js
- Redux, Redux-saga, Redux-thunk, Hook, React-tracked library, Parallax
- JavaScript, Typescript
- RESTful API, GraphQL
- HTML, HTML5, CSS, SCSS, Sass, WebGL
- Bootstrap, Tailwind CSS, Ulkit, Styled-component
- Material UI, Chakra UI, Semantic UI, Vuetify
- Unit Test: Jest, Mocha
- Firebase, Google Cloud Platform
- AWS: Amplify, Cognito, S3, RDS, EC2, CodeDeploy, CodePipeline, Lambda, API Gateway
- Github, GitLab, BitBucket
- Jira, Trello, Slack, Agile, and Scrum methodology

CONTACT

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Westphalia, Germany

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EDUCATION

Adamson University

Sep 2010 - Aug 2015

Bachelor of Computer
Science (BCompSc)

STRENGTH

Communication

Collaboration

Flexibility

Creativity

Efficiency

Accountability

Self-Innovation

Self-Starter

Critical-Thinking

Problem-Solving

WORK EXPERIENCE

Frontend Engineer

Freelancer

Sep 2022 - Now

Stacks: TypeScript | React | Vue | web3.js | Node.js | Nest.js | Prisma | Docker | AWS | RoR | React Test Library

- Optimized and improved the code quality by owning the rewriting of the client application from an MVC view-based approach to a SPA and upgraded to React 18.2.0, rewriting all class-based components to functional components with hooks, and implementing the Context API for global storage.
- Architected and implemented a microservice system based on Node.js with Nest.js, Prisma, TypeScript, and PostgreSQL and authored unit tests for endpoints and functions
- Wrote the CI/CD script with CircleCI, and Docker and deployed the application on AWS and Heroku using services.
- Architected, and developed endpoints for monolith web applications with Ruby, RoR, and PostgreSQL

Senior Frontend Web Engineer

Kayak / Stamford, Connecticut, U.S.

Apr 2019 - Aug 2022

Stacks used: TypeScript | React | Redux(Toolkit) | Next | React Native | Vue | Ionic | MUI, Tailwind CSS | Cypress | Jest | Agile Development | Scrum

- Successfully implemented the UI and related tests of a company's ERP system (React/Cypress) in Agile Development and Scrum daily meeting
- Revamped main pages of 3+ businesses and agencies using React and Vue and built frontend applications for different services with React, Redux, and TypeScript.
- Rewrote HTML to meet industry and company standards for SEO and accessibility using React
- Assisted in building beautiful user interfaces for clients without compromising functionalities for aesthetics

LANGUAGES

React	9 years
Vue	5 years
React Native	5 years
WordPress	2 years
Ionic	3 years
Next	4 years
Redux/Recoil	6 years
Vuex/Pinia	4 years
MUI/Tailwind CSS	5 years
Node	3 years

Frontend Engineer

Neyra / 10700 Evendale Dr, Cincinnati, Ohio, 45241, U.S.
Jun 2017 - Mar 2019

Stacks used: TypeScript / React / Redux / Redis / Redux-Saga / React-Hook-Form / Next / Vue / Ionic / NodeJS / Nest / PostgreSQL / MongoDB

- Deployed web applications to AWS and Microsoft Azure and ushered in and implemented a testing strategy in Jest and Enzyme, resulting in a test coverage of 78% of all client codes.
- Fixed bugs from existing websites and implemented enhancements that improved functionality and efficiency by 20%
- Built an API for an internal dashboard showing sales and usage statistics
- participated in a team project for building customer-facing web applications and MVPs using React, PostgreSQL, and NodeJS
- Successfully completed a company's expenses management system using the MERN stack
- Brought in shipping confidence for the app and improved the deployment pipeline by implementing a testing harness in Jest and Enzyme covering over 75% of the code configuring linting with ESLint and formatting with Prettier for overall code quality.

REGRADS,

