David Knudsen

SOFTWARE ENGINEER

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

Portfolio: https://davidknudsen.netlify.app

ABOUT ME

- 7+ years of web development: Front-End, Mobile, and Back-End technologies
- expert in Javascript, ES6, EmberJS, React.JS, React-Native, Expo, Ionic, Redux, Redux-Saga, VueJS, HTML5, CSS3, jQuery, Canvas, MUI, TailwindCSS, Chakra UI
- have a great experience with NodeJS (Express.JS) and also work with MEAN stack
- always enhance knowledge of new cutting-edge technologies
- have knowledge of graphics and design
- follow best practices and great team player

Programming languages:
CSS, HTML, JavaScript, ES6, TypeScript, Python, PHP, Java

Front-end:
EmberJS, ReactJS, React-Native, Expo, Ionic, Redux, Redux-thunk, Redux-Saga, Next, Webpack, Vite, VueJS, HTML (LocalStorage, SessionStorage, HTML5 API), CSS (LESS, Twitter Bootstrap, MUI, TailwindCSS, Chakra UI)

Back-end:
Node.JS (ExpressJS, Laravel, Django), MongoDB, MySQL, PostgreSQL

APIs:
Google APIs, Dropbox Core API, MailChimp, REST APIs of various online services, GraphQL Apollo

Operating Systems:
Linux (Arch Linux, CentOS, Ubuntu), Mac OS, Windows

Tools:
Jira, Trello, Confluence, Docker, Jenkins, Git, Bitbucket, Kanban

PM Processes:
Agile, Scrum

CONTACT

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Rhine-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

Fullstack Engineer
Freelancer
Sep 2022 – Now

**Stacks: React | web3.js | Ethers JS | Node.js | GitHub |
Laravel | Django | PostgreSQL | MySQL**

• 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: JavaScript, 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

JavaScript	8 years
TypeScript	5 years
PHP	4 years
Python	5 years
Solidity	4 years
Ruby	3 years
Rust	3 years
Golang	2 years

Senior Fullstack Developer

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

Stacks used: JavaScript, 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,