

# David Kirshon

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**Languages/Frameworks:** TypeScript, JavaScript, HTML, CSS, React

**Tools/Skills:** Git, Github, npm, Webpack, Google Firebase, Material-UI, React Router, Formik, Yup Form Validation, Fetch API, async/await, prettier, ESLint, Figma, Storybook, Jest, Slack, ClickUp, Confluence, Jira, CI/CD, Google Firebase, Linux, Agile methodology, Authentication

## Work Experience

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**NEWM ~ Nashville, TN (Remote)**

**October 2022 - Present**

### Frontend Engineer

- Collaborate closely with UX and product owner to transform complex Figma user interface designs and ClickUp task requirements into intuitive, responsive, and engaging web features
- Partner with backend developers to define and implement API contracts for Frontend UI features
- Peer-review Github pull requests, provide updates in dev stand ups, and communicate constructive feedback to team members to enhance codebase quality and foster collaborative knowledge sharing
- Lead development of live Token drop sites for streaming royalty sales of Artist's new music releases
- Led development of audio playback feature, incorporating HLS streams and leveraging an npm library to deliver an exceptional artist UX while adhering to strict performance and scalability requirements

### Software Engineer (Intern)

- Collaborated with cross-functional teams, Product, Software, and Design, using Slack to implement a custom Material-UI Button scheme from Figma design specifications and ClickUp task requirements
- Upgraded the Music Library, working closely with backend and design teams, to enhance search functionality, implement internal API documentation, and improve the user interface

**Beehive ~ Vienna, Austria (Remote)**

**August 2022 - October 2022**

### Frontend Developer (Intern)

- Implemented Firebase authentication to ensure user security and enhance web application functionality
- Architected and refactored app to latest Google Firebase, significantly improving code readability and reducing Firebase footprint by 80%, resulting in faster loading times and improved overall performance

**NAVSEA ~ NUWC Keyport, WA**

**September 2014 - April 2021**

### Chief Engineer

- Directed a complex Microsoft SQL server, data, and software application transition project for the submarine and aircraft carrier fleet, involving 12 government and industry organizations, completing initial demonstration three weeks ahead of schedule, and resulting in 6+ month reduction in lead time
- Led a 20+ person multi-disciplinary team utilizing agile methodologies with Jira and Confluence

### Systems Engineer

- Architected and managed software requirements in an agile environment for a Java application
- Developed and managed software documentation to assist developers in employing critical components

## Personal Projects

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**[HappilyEverAfterParty](#):** A wedding website utilizing TypeScript and React, featuring a responsive UX

**[Portfolio Website](#):** A portfolio of personal projects and background utilizing JavaScript, HTML, and CSS

**[Where's Narwhal](#):** A Where's Waldo web app developed with JavaScript, Google Firebase, and React

**[Shopping Cart](#):** A shopping app utilizing a web REST API, React functional components, and React Router

## Education

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**University of Washington - Seattle, WA**

Master of Engineering in Industrial and Systems Engineering

**December 2018**

**University of California, San Diego - La Jolla, CA**

B.S. Electrical Engineering: Electronic Devices and Materials

**June 2014**