

Karl Erik Toom

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Experience

Full-Stack developer student

Jan 2024 - Current

Kood/Jõhvi

- Implemented advanced algorithms, such as Dijkstra's shortest path algorithm
- Implemented complex command line argument handling
- Integrated API consumption features through a web server in Golang

Frontend Developer Internship | [Certificate](#)

Jul 2023 - Aug 2023

Frontend Simplified

- Transformed a completely static HTML, CSS, JavaScript and React single page application into an interactive user interface using animations, transitions and carousels
- Processed API requests with Axios to dynamically represent data from a cloud server and represented it through skeleton loading states, pagination and dynamic routing
- Utilized Git version control and the GitHub interface to work and thrive in a virtual and collaborative team environment

Freelance Frontend Developer

Nov 2022 - Current

Self Employed

- Delivered a professional website using HTML5, CSS3 (+ BEM), JavaScript and React best practises
- Improved website performance by compressing, lazy loading images and components
- Created a simple Firebase backend and admin page to upload events and keep the store page updated

Projects

Netflix Clone | [Website](#) | [GitHub](#)

- Implemented Email/Password Sign-In user authentication using firebase to display user's account page where they can see their liked shows and movies
- Fetched data from TMDB API to showcase shows and movies depending on their genre
- Created a fully responsive Netflix clone using React, Javascript, HTML and CSS(Tailwind)

Homefy Real Estate Website | [Website](#) | [GitHub](#)

- Implemented dynamic routing and pagination
- Implemented multiple filtering options (property type, pricing and number of bedrooms)
- Built using React, Javascript, HTML and CSS

GymSimplified | [Website](#) | [GitHub](#)

- Followed and re-created the layout of FrontendSimplified to display gym exercise tutorials and information based on muscle groups.
- Implemented authentication based access to certain information and exercises
- Built using React, Javascript, HTML and CSS

Education

Kood/Jõhvi Full-Stack Developer course

Jan 2024 - Current

Kood/Jõhvi

Frontend Developer Bootcamp

Nov 2022 – Sep 2023

Frontend Simplified

Technical Skills

Languages: HTML5 | CSS3 (+ BEM) | JavaScript ES6+ | Golang

Frameworks: React (+ hooks)

Technology: NPM | Git | Yarn | React dev tools | Firebase v9 | GitHub