

## Skills

**Languages:** JavaScript (ES6+), TypeScript, C#, Python, HTML5, CSS3, SQL (Postgres), MongoDB

**Frameworks:** React.js (Redux), Next.js (React Server Components), Material UI, Node (Express), Firebase, REST, GraphQL (Apollo)

**Developer Tools:** GitHub, Webpack, Vite, npm, Jest, Cypress, CI/CD, VSCode, Visual Studio, Docker

## Experience

### Fullstack Software Engineer - Hack For LA

- Led fullstack development by enhancing and maintaining the organization's website, increasing monthly traffic by 10%
- Redesigned multiple page elements to optimize user experience and functionality resulting in streamlined UX/UI
- Ensured code quality and adherence to best practices by reviewing and validating pull requests in development environments

### Freelance Web Developer

- Developed responsive web applications utilizing React and Wordpress resulting in enhanced user experiences and improved site performance
- Collaborated with clients to gather project requirements and delivered tailored web solutions that met their specific objectives
- Integrated MongoDB and designed backend architecture contributing to the functionality and performance of web applications

### Open Source - Various Projects

- Actively contributed to open source projects, collaborating with developers to enhance code quality, functionality, and user experience
- Utilized version control systems like Git to manage contributions, ensuring seamless integration and following best practices
- Demonstrated expertise in open source development by fixing bugs, adding features, and participating in code reviews, fostering a culture of collaboration and innovation

## Projects

### Social Networking Platform

- Launched a Server-Side Rendered functional clone of Facebook application built with customizable UI components, an MVC programming paradigm for data security, and powerful data querying capability resulting in a 100% increase in productivity
- Recreated many of Facebook's features such as user authentication and authorization, status updates, user search, adding friends, and utilizing GIPHY and YouTube APIs to post media to the front page while achieving sub-800ms load times
- Implemented features that provide a seamless and minimal UI/UX that reflects the style of early Facebook, completed in a 6-month timeframe

### News & Media Aggregator

- Developed a fullstack clone of Reddit with a React and Firebase to utilize a flexible and scalable database with a performant and flexible development process that can handle 1,000's of data entries while maintaining a 94% Lighthouse score
- Produced many familiar characteristics, including user signup and login, post creation, image storing & hosting, and commenting akin to Reddit's architecture creating a 1:1 user experience
- Designed a sleek single-page application that encapsulates Reddit's design and style to replicate the original platform's layout alongside a personal touch to express creativity leading to average user session durations of above 180 seconds

## Courses

### University of Helsinki - Fullstack Open

July 2023

- Accelerated expertise in fullstack development: scalable architectures, data management, seamless frontend-backend integration, advanced concepts like GraphQL
- Comprehensive understanding of modern tech: React Native, TypeScript, Docker, Redis caching, PostgreSQL, CI/CD, and GraphQL for efficient data handling

### The Odin Project - Fullstack JavaScript Curriculum

Oct 2022

- Mastered HTML, CSS, JavaScript, Node.js, Express.js, React, and MongoDB through the completion of projects
- Applied knowledge in hands-on projects: responsive UIs with React, server-side logic with Node.js/Express.js, MongoDB integration, and production deployment

### University of Harvard: CS50 - Introduction to Computer Science

Mar 2021

- Developed a strong understanding of algorithms, data structures, programming languages, and analytical reasoning
- Acquired practical coding skills and the ability to write efficient, clean, and well-structured code in C, Python, and JavaScript

## Education

California State University San Marcos, B.S. Kinesiology