

Robert Weeden

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Education

University of Wisconsin Oshkosh

Oshkosh, WI

Bachelor of Science (*Computer Science*)

Graduation Date: May 2022

Computer Skills

- Extensive experience building web apps with **React framework** and accompanying tools like **Next.js**, **Figma**, **Typescript**, **Workbox**, **Phaser3**, **Redux**, **TailwindCSS**, and **Framer Motion** to build beautiful user interfaces.
- Demonstrated knowledge creating and maximizing the use of **progressive web applications (PWAs)** and **browser based caching systems**.
- Strong experience building and using foundational web protocols and patterns such as **REST APIs**, **HTTP/S**, and **OAuth 2.0**.
- Thorough understanding and use of Web3 fundamentals like **Solidity**, **EthersJS**, **Hardhat**, and **IPFS** to create decentralized systems.

Soft Skills

- Over 8 years of **strong communication** and **teamwork** spanning across multiple industries. Including over 4 years of **Team management** and leadership in a military setting.
- Incredibly **driven** with a bold **self-starter** mentality. Great **ability to find direction** and pick up work without being asked.
- Highly **adaptive** and naturally **strong problem solving skills** across all areas of business and technology.

Work Experience

Senior Full-stack Engineer - Web App development

June 2022 - Present

Tesseract Corporation

Remote

Projects - [Vally Pro](#), [Eternity RPG](#)

- **Full creation of multiple advanced web apps**. Owning all application client stability, performance, design, and implementation of new features.
- Facilitate **conversion of standard websites to** trusted web apps (**full mobile apps**) to increase product reach and flexibility.
- Implement **highly optimized Next.js components**, including static and dynamic pages. Establish strict patterns and systems for **cache management** and **storage constraints of mobile devices**.
- Observe, analyze, and deploy **improvements** to systems and procedures **based on user feedback**, **business requirements** and **design goals**.

Junior React Engineer & Co-founder - Website development

July 2021- June 2022

Sage Labs

Remote

- Plan and execute **over 10 full product life cycles** for fungible and non-fungible token projects
- **Develop, test, deploy, and verify** smart contracts on the Ethereum and Stacks blockchains
- Plan and build professional and beautiful **decentralized applications** for smart contract interactions
- Ensure customer **safety** and end-user security through **strong testing practices** of **highly secure** and **optimized** products