**Thomas J. Herzog**

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| **Technical Skills** |
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Javascript (ES6+), HTML5, CSS3, React, Redux, Typescript, Next.js, Apollo, GraphQL, Jest, Node, Express, MySQL, PostgreSQL, SQL, Git, Github, Docker, NPM/Yarn, Babel, Webpack, ESLint, PHP

| **Work Experience** | |
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| [C0d3.com](https://www.c0d3.com/) - **Fullstack Software Engineer** - San Jose, CA - Remote | *Feb 2021 - Present* |

Open source online software engineering education platform built with Typescript, React, SCSS, Next.js, Apollo, GraphQL, PostgreSQL.

* Setup logging / error reporting infrastructure to collect, parse and send alerts correctly from our AWS Lambda serverless hosting environment leading to many bug fixes / SEO improvements.
* Improved web performance reducing user loading time by converting application to a shared static layout and fixed React hydration errors allowing statically generated pages to load quicker.
* Improved user experience by rewriting major existing react components focusing on accessibility.
* Full curriculum review, security audit, documenting issues, and implementing patches.
* Ran Scrum / Sprint planning meetings, and improved code quality through code reviews and testing infrastructure improvements.

| Ingoneering - **Software Engineer** - Portland, OR - Remote | *Nov 2020 - Dec 2020* |
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Enhanced and maintained a custom-built internal ERP business tool built with vanilla JavaScript, HTML, PHP, CSS, MySQL transitioning to React, Xstate, Docker setup.

* Updated payroll reports to include extra breakdown of weekly reports.
* Reviewed, documented and fixed issues with ‘progress complete’ feature not updating correctly.

| **Projects** | |
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| **SPA/PWA** - React, Redux, Material UI | [*https://github.com/tomrule007/orderguide*](https://github.com/tomrule007/orderguide) |

Responsive single page app prototype built for a regional grocery chain making data more actionable.

| **Chrome Extension** - JavaScript. CSS | <https://github.com/tomrule007/highlight-active-row> |
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Five star rated chrome extension with over 50 users built to enhance web page data entry accessibility.

| **NPM Package** - JavaScript | <https://www.npmjs.com/package/pdf-template-parse> |
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Cross-browser “PDF parser w/ template engine” to convert pdf documents into organized data objects.

| **Education** | |
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| **BSc, Electrical Engineering** - San Jose State University - San Jose, CA  Dean’s Scholar: Spring 2010 | *2008-2011* |

| **About Me** |
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After completing my college senior project, building the [SJSU ZEM house (zero-emissions)](https://blogs.sjsu.edu/newsroom/2011/multidisciplinary-team-builds-zem-house/), I spent one year living and working on a farm studying sustainable farming practices. After which I went on to become sole proprietor of an organic specialty crop farm focused on biological regenerative practices to sequester carbon and reduce greenhouse gases. After 6 years of successfully running the farming business I have shifted my focus towards building technology, understanding its integral role in a sustainable future.