**Thomas J. Herzog**

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| **Technical Skills** |

Javascript (ES6+), HTML5, CSS3, React, Redux, NextJS, Graphql, Jest, Node, Express, MySQL, PostgreSQL, SQL, Git, Github, Docker, NPM/Yarn, Babel, Webpack, ESLint, PHP

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| **Work Experience** | |
| [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 Next.js, GraphQl, PostgreSQL.

* Full curriculum review, security audit, documenting issues, and implementing patches.
* Setup error reporting system to correctly report all errors from our AWS Lambda functions
* Mentored students and reviewed teammates pull requests.

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| A&K Engineering - **Software Engineer** - Portland, OR - Remote | *Nov 2020 - Dec 2020* |

Enhanced and maintained a custom-built internal ERP business tool built with vanilla JavaScript, HTML, PHP, CSS, MySQL transition 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.

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

Fully responsive single page PWA converting excel sales reports into searchable web based dashboard. Created specifically for department managers of a regional grocery chain.

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| **Chrome Extension** - JavaScript. CSS | <https://github.com/tomrule007/highlight-active-row> |

Enhances visibility of the currently selected table row. Speeds up the entry process and greatly reduces errors that lead to lost profitability. Created specifically for department managers of a regional grocery chain. Now publicly available on the chrome web store with over 50 users globally.

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| **NPM Package** - JavaScript | <https://www.npmjs.com/package/pdf-template-parse> |

A JavaScript frontend cross-browser compatible “PDF parser w/ template engine” to convert pdf documents into organized data objects

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

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| **About Me** |

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.