

## Software Engineering Summary

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- Accomplished TypeScript/React/Node.js engineer with proven experience in scaling complex web applications
- Passionate technologist committed driving innovative solutions through collaborative team development
- Seeking a challenging role that leverages my technical prowess and leadership experience while offering opportunities for professional growth and learning in cutting-edge technologies

## Employment

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<b>Coalesce Software</b>	<b>Software Engineer</b>	<b>May 2021 – Oct 2024</b>
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- Enterprise-level data transformation SaaS tool (startup employee #9)
- Owned several critical features of TS/React/Redux frontend and Node/Express backend
    - Created data dashboard and presented pre-release to prospective Fortune 500 customer, helping secure contract
  - Spearheaded growing unit and end-to-end (E2E) testing to over 2000 tests from ~10 (Jest, Playwright, and Cypress)
  - Improved performance of app chokepoints by as much as 95% through code optimization and creative solutions
  - Crafted and led engineering interviews; mentored junior and onboarded senior employees
  - Utilized: JavaScript/Typescript, React, Redux, NodeJS/ExpressJS, GCP, Firebase(NoSQL), Snowflake (SQL), Git

<b>Orifin LLC</b>	<b>Freelance Software Engineer</b>	<b>Mar 2021 – Jun 2021</b>
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- Full website prototype implementation for small business in e-sports space
- Implemented secure user system with various membership levels including role-based access control
  - Created custom facility and equipment reservation system
  - Implemented performance-optimized and customizable data dashboard with separate employee RBAC system
  - Utilized: JavaScript/Typescript, CSS, React, NodeJS/ExpressJS backend, MySQL database

<b>Shamrock Foods Company</b>	<b>Commercial Delivery Driver</b>	<b>May 2015 – May 2021</b>
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- Soft skills: High impact decision-making under extreme stress; mentorship; primary contact for customers

<b>The Plateau Club/Oki Golf</b>	<b>Spray Tech/Crew Foreman</b>	<b>Apr 2014 – Jan 2015</b>
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- Soft skills: People management (seasonal team of ~6 people)

<b>CO State Univ. Dining Services</b>	<b>Student Trainer III</b>	<b>Nov 2009 – Dec 2013</b>
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- Soft skills: Large-scale people management (teams up to 50+ employees serving up to 2000+ students per shift)

## Education

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<b>Colorado State University</b>	<b>Fort Collins, CO</b>	<b>Aug 2008 – Dec 2013</b>
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- **Major**: B.S. in Environmental Horticulture, concentration in Turf Management
- **Related coursework (during Mech Eng)**: Circuits, Intro to Electrical Engineering, Mechatronics

<b>Covalence Coding Bootcamp</b>	<b>Remote</b>	<b>Jan 2021 – Feb 2021</b>
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- **Languages**: JavaScript, TypeScript, CSS, HTML, SQL, Bash scripts
- **Frameworks**: NodeJS, ExpressJS, React, React Native, Git, MySQL, Heroku
- **General development**: object-oriented programming, authentication, exploit resilience, performance optimization

## Projects ([www.willseese.com](http://www.willseese.com) for additional information)

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### Expecting Together

- Mobile app created in React Native/Expo to track and share milestones and info for IVF and surrogacy journeys

### Incentive Pay Optimal Hours Calculator

- Customizable dashboard for helping drivers make the most of a common pay system in short-distance trucking

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**Skills**: (expert): JavaScript/TypeScript, HTML/CSS, Git; (intermediate): SQL, Bash; (basics): Python, Java, C#; (learning): Ruby