

# ANDREW YODER

## FULL-STACK SOFTWARE ENGINEER

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### TECHNICAL SKILLS & CERTIFICATIONS

**Front-End:** JavaScript (ES5 / ES6) | jQuery | React | CSS | HTML | styled-components | Mocha | Chai | Enzyme

**Back-End:** Node.js | Express | Typescript | PostgreSQL | MySQL | MariaDB | Mongoose | MongoDB | Knex | Jest

**Tools & Techniques:** Webpack | AWS EC2 & S3 | Babel | New Relic | Artillery | Trello | Certified Scrum Master (CSM)

### SOFTWARE APPLICATIONS EXPERIENCE

[Wandrr.com](#) | Full-Stack Engineer | PostgreSQL, Node.js, Express, AWS EC2, Artillery, New Relic, loader.io

*Website for booking and reviewing hostels*

- Adopted a legacy codebase and scaled the backend to handle 1,000 requests per second.
- Decreased latency by 35% after using New Relic and loader.io to identify bottlenecks.
- Optimized PostgreSQL to reduce query time to < 1 ms on a database with 50 million entries.

[Home.com](#) | Front-End Engineer | React, Node.js, Express, Mongoose, MongoDB, AWS EC2 & S3, Webpack

*E-commerce website for displaying product information and pictures for home goods*

- Optimized a proxy server with service-oriented architecture and reduced load times by 25%.
- Employed styled-components to create dynamic responsiveness and eliminate class pollution.
- Utilized multi-directional mouse-over effects to implement a zoom feature that tracked mouse movement.
- Increased overall productivity by 40% by coaching teammates on implementing Agile workflows.

**RollCall** | Full-Stack Engineer | React, Styled-Components, Node.js, Express, Webpack, Babel

*Full-stack attendance app for tracking attendance in K12 environments*

- Gathered user requirements to create a product backlog, prioritize features and design an intuitive UI in 24 hours.
- Reduced bugs and improved feature development time by refactoring to Typescript.

### EDUCATION EXPERIENCE

**Galvanize, Inc.** | Software Engineer in Residence | Remote 2020 – 2021

- Mentored 80+ students in the mastery of JavaScript, React, Node, databases, data structures, and algorithms.
- Refactored an API server to use Knex database migrations and performed multiple bug-fixes on production data.
- Guided students in debugging full-stack software by utilizing Socratic teaching techniques to identify misconceptions and facilitate critical thinking.
- Identified deficient soft-skills during pair programming sessions and coached students to mastery.
- Developed a script to analyze common student misconceptions and actively iterate on the curriculum.

**VIPKids** | Contract ESL Teacher | Remote 2019 – 2020

- Grew a private, fully-remote tutoring business from five students to over one hundred through excellent teaching and diligent relationship-building.
- Increased bookings and referrals by communicating with parents after every lesson, giving detailed feedback on the student's performance, and recommending adjustments to a student's level as necessary.

**Smilow Prep Charter School** | Director of Operations | Jackson, MS 2017 – 2018

- Managed school-site operations in a 300-student middle school, overseeing project management, internal communications as well as the design and implementation of new processes.
- Organized training programs that decreased dismissal times by 40% and emergency response times by 75%.

### EDUCATION

**Hack Reactor At Galvanize, Remote** | Advanced Software Engineering Immersive 2020

**Belhaven University** | Master Of Arts In Teaching 2011

**University Of Chicago, Chicago** | Bachelor Of Arts In Political Science 2006