

Industrial & systems engineer turned full stack developer with a tenacity for solving problems in the people business. With 20 years of varied professional work experience, this blend has produced an ability to collaborate in widely diverse environments both technically and culturally. Looking to partner with a company to develop technical solutions and optimize and improve existing systems.

Technical Skills

- Ruby on Rails, ActiveRecord, BCrypt and JWT authentication, RESTful routing standard practices
- React Javascript framework including Redux, and client-side routing
- CSS (Bootstrap, Material UI), HTML, Styled Components
- PostgreSQL, SQLite3, Airtable

Projects

Babysitter [\[GitHub FrontEnd\]](#) | [\[GitHub BackEnd\]](#) | [\[Demo\]](#)

An app to help parents and babysitters to browse for and find one another

- Rails API server with React/Redux Javascript front end with client side routing.
- Styled with React Bootstrap and Styled Components.
- FullCalendar.io API for job scheduling interface.
- Bcrypt and JSON Web Token encryption for user auth and security.

Dispatch [\[GitHub FrontEnd\]](#) | [\[GitHub BackEnd\]](#) | [\[Demo\]](#)

A map-based app for assigning working and dispatching service professionals

- Uses Mapbox AP to optimize service dispatch leveraging physical locations of providers, patients
- Currently in use by local hospice to optimally assign jobs/customers/patients to employees and manage/track job progress.
- Rails API server back end with React JavaScript front end using Material UI react components
- Uses Mapbox maps API to graphically display patients and service providers

North America College Training Registration project ([NACT mobile app](#))

- Formed, directed, and managed a registration system, team, and protocol for an international training event hosting 2800 registrants from 40 countries.
- Transitioned homegrown PHP online registration system to a third-party registration software product ([Regpacks](#)), configured, tested, and rolled out
- Built Airtable database for [NACT mobile app](#) and collaborated with the app development team.

Professional Experience

Director of Campus Ministry (Christian Students GT & Christian Students UGA)

Church in Atlanta/Athens | 2009 - Present

- Technical: Website, social media, brand mgt. Event planning, online registration, app development.
- Daily oversight of local campus team (avg. 10) + coordination at regional/national level (avg. 300)
- Counseling, teaching, & development of team members and students including conflict resolution

Sales engineer / Account manager

The Trane Company | 2002 - 2007

- Managed multiple contractor, engineering, and property owner accounts competitively bidding, winning, and fulfilling commercial construction contracts such as High Museum of Art, Gwinnett Civic Center, GT Klaus Advanced Computing Building, \$2 million Gwinnett schools WSHP sole-source contract

Education

Flatiron School (Full stack web development leveraging Ruby on Rails & React JS - 2020)

Full-Time Training Anaheim (Bible truth and church service training - 2009)

Georgia Institute of Technology (BS Industrial & Systems Engineering - 2001)