

# James F. Thomas

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## Technical Skills

- JavaScript
- JQuery
- React.js & Redux
- Node.js & Express.js
- Passport.js & OAuth2
- Git
- MySQL & Sequelize
- MongoDB & Mongoose
- Agile methodology
- RESTful Architecture
- Heroku
- HTML & CSS
- Materialize
- Google Cloud Platform
- Oracle SQL Developer

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## Projects

### GameTime, Software Engineer ( Group )

An online gaming platform, promoting real-time gamer interactions & game development input

- Utilized Node.js to create a RESTful API & protected routes to handle authorized requests
- Employed OAuth2 authentication via Google & Discord APIs giving client choice of service
- Created retro arcade-style game utilizing Phaser3 library, rendered in React.js framework

### Trailr, Software Engineer ( Group )

Social-media-style community to share experiences while engaging in outdoor hiking activity

- Implemented a RESTful API & lightweight server to handle authorized client requests
- Applied Passport.js OAuth2 strategy to authenticate clients into persisted login session
- Persisted data in MySQL RDMS serving requests via Express.js protected custom routes

### Contact Keeper, Software Engineer ( Individual )

Web application allowing users to save specific contact information for desired individuals

- Persisted & interacted with user data in MongoDB cloud instance using Mongoose ODM
- Used React.js & Context API to render data asynchronously transferred via Fetch API
- Created a RESTful API with local auth strategy using Express.js & JSON Web Token

### Task Logger, Software Engineer ( Individual )

Web application for IT department to record & assign technicians to in-company work orders

- Work logs rendered in functional components utilizing React.js Hooks & Redux stores
- Logs held in MongoDB instance then served via RESTful API using Express.js & Mongoose
- Created interactive UX & responsive UI with Materialize by Material Design

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## Education

### Operation Spark 2020

- Fundamentals of JavaScript, Functional Programming, & Web Development levels I , II , III

### Southeastern Louisiana University, M.S. in Kinesiology 2014

- Graduate Research Assistant - exercise physiology laboratory

### Eastern Oregon University, B.S. in Health Studies & Physical Education 2011

- Dual concentration, Honors graduate, GPA: 3.5

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## Experience

### K2 Body Sculpting LLC, Head Trainer/Owner 2008 -Present

- Movement-focused private health, fitness, or rehabilitation instruction

- Traditional martial arts & self-defense instruction for adolescents & adults