

## SKILLS

JavaScript, Ruby on Rails, React, Redux, Mongoose, MongoDB, Node.js, Express.js, SQL, PostgreSQL, AWS, jQuery, webpack, Git, Heroku, Matlab, Azure DevOps, Visio, SolidWorks, Test-driven-development, Project management

## EXPERIENCE

### Senior Enterprise Solutions Consultant

[Crowe](#)

Aug 2018 - Jan 2021

- Led teams of consultants and developers in the Supply chain and Quality workstreams, producing custom enterprise resource planning (ERP) systems utilizing the agile software development and Azure DevOps
- Served as a hybrid resource adept at both interfacing with clients and partnering with developers to design and build out necessary solutions
- Spearheaded the architecture of a quality management system with custom data storage and end to end validations to satisfy ISO 9001 Quality Standard in metals manufacturing
- Designed 50+ enhancements, extensions, and integrations, as well as accompanying tests, to bridge gaps between client requirements and out of the box system functionality to delivery a fully comprehensive ERP solution
- Ensured smooth transition to the new system by capturing, transforming, and migrating data from legacy system(s)
- Managed and trained new team members on project methodology, core technologies, and client relationship management, ensuring no loss in efficiency due to team turnover
- Awarded **Exceptional Client Experience Award**: Recognized top 25 client-facing consultants of nearly 1000

### Engineering Intern

*Key Technical Solutions*

Jun 2016 - Aug 2016

- Designed recruitment tests and standards to assess applicant competencies in Computer-aided design softwares Creo Parametric, SolidWorks, and Autodesk Inventor
- Constructed cycle time sheet for a manufacturing cell containing 300+ unique steps focusing on space utilization and ergonomic design

## EDUCATION

Vanderbilt University - BE Mechanical Engineering, Minor in Engineering Management | 2018

[App Academy](#) - Highly selective fullstack web development program with a 3% acceptance rate

## PROJECTS

Wanderlust | Airbnb Clone ( Ruby On Rails, React/Redux, PostgreSQL, AWS, Google Maps)

[live](#) | [github](#)

- Designed a web clone of Airbnb with custom search filtering, user authentication, and CRUD operations for bookings and reviews
- Incorporated Amazon Web Services S3 (AWS) for data storage and retrieval to speed up request completion time
- Integrated Google Maps API with property data to give user an exploration experience with map traversals
- Leveraged frontend state to cache specific pieces of data, limiting the number of database requests while ensuring a clean frontend state

Weeasel | Collaborative Drawing Site (MongoDB, Express.js, React, Node.js, Websockets)

[live](#) | [github](#)

- Served as backend team lead, architecting the database schema, RESTful API requests, and controller routes
- Utilized Socket.io library to create live websocket connections between users, allowing for real-time chat and collaborative drawing on a shared canvas piece
- Took advantage of MongoDB's NoSQL structure to nest related data and limit the number of required API calls

Marksman | Interactive 2D Shooter (JavaScript, SCSS, HTML5)

[live](#) | [github](#)

- Designed custom collision detection algorithms to ensure insync object property adjustments and frontend displays
- Constructed scalable game logic to allow for solo or multiplayer user experience
- Created the entire project with only Vanilla JavaScript and no third party libraries to demonstrate core competencies in JS