

Grant Mitchell

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Technical Skills

Front End: JavaScript(ES5 & ES6), TypeScript, Angular 9, React, HTML5, CSS, Sass, Redux, Material UI

Other: Node.js, Express, MySQL, PostgreSQL, MongoDB, AWS (S3, EC2), GCP App engine, heroku deployment, CORS, SQLite, RHEL Linux, Python, Bash, Pixelmator, IOS App Development,

Testing: Mocha, Jest, k6, Loader IO

Developer Tools: Postman, Chrome DevTools, Github, Git, Docker, Figma

Software Engineering Applications

ReactFormBuilder | Open Source React Form Builder | repo 2022

[ReactFormBuilder makes forms with a JSON object using React.js, and validates each form field using RXJS]

- RXJS Observables for async Validation
- React for rendering to the dom
- Rollup to bundle up modules, and to output ES for the client because Webpack can not use import/export polyfills
- State chaining to handle nested components on value updates

Atelier | Product Page backend reviews | repo 2022

[Atelier is an ecommerce website. This project is focused on the product reviews service]

- Used MySQL to migrate CSV data from an old database because the service couldn't handle load
- Launched AWS EC2 instances that host MySQL and Node.js Servers
- K6 and Loader.io testing to make sure clients can experience no failed Requests
- Used docker to host Node.js servers to duplicate quickly
- Ran 4 Node.js EC2 instances horizontally scaled to load balance all the requests.
- Load balanced all requests using EngineX to handle a flood of requests by distributing all requests to each server equally.

Clothesabyss | Angular Fullstack app | repo 2020

[Clothesabyss is a ecommerce website similar to ebay]

- Created login form which works with node js and jwt to handle authentication
- Stored data using Mysql on Google Cloud SQL
- Launched Node.js Google App Engine instance to serve the ecommerce site
- Implemented Tomtom API to display map, and Paypal API to handle payments

Professional Experience

Amazon seller Zenabyss | Amazon 2021

- Sold packaged and shipped products.
- Manage inventory, SEO, AD creation, and accounting.

Sales Associate | Lowes, Inc 2021-2022

- Stocked inventory for the store to sell
- Helped customers find product they need
- Used Machinery to grab pallets for customers and to stock inventory

Education

Hack Reactor | Advanced Software Engineering Certificate 2022

Sunset High School 2018

- 2 years of accounting
- 2 years of marketing
- 1 year of web design