BRYCE CHAMPAIGN

New York, NY
717-819-6480
github.com/brycechampaign
linkedin.com/in/bryce-champaign
brycechampaign@gmail.com

Technical Skills

Languages/Frameworks: JavaScript, React, HTML5, CSS3, Redux, Express, JSON, jQuery, ES5/ES6+, Jest, Enzyme, Mocha, Chai
Databases/ORMs: PostgreSQL, MySQL, Sequelize, MongoDB, Mongoose
Deployment: AWS EC2, Heroku, Digital Ocean, Kubernetes
Tools/Workflow: Node, NPM, Docker, Git, TravisCI, Webpack, Babel

Software Engineering Applications

Kartify | Software Engineer | React, Redux, Express, React Router, Jest, Enzyme, AWS, Node
A dynamic client-facing product page on a retail web portal.
- Utilized React to dynamically display submitted product reviews based on selected filter and sorting criterion
- Integrated Jest unit tests with TravisCI for smoother collaborative Github integration process
- Configured React Router for handling navigation between product pages

Greenfield API | Software Engineer | Express, PostgreSQL, Docker, Redis, Kubernetes, Mocha, Node
An API service for handling retail product information requests
- Conducted ETL process to migrate over 25 million product-related entries to an SQL database
- Optimized API and database to handle web-scale level traffic
- Implemented Redis caching to decrease latency of frequently requested endpoints by 50%
- Deployed API on multiple EC2 instances using a Kubernetes cluster to increase throughput by up to 25%

Other Applications
Budget.Me | Software Engineer | React, Express, MongoDB, Heroku, Node
A personal budgeting web application that provides dynamic statistics with an intuitive interface
Check out the deployed version here.

Education

Hack Reactor, *Advanced Software Engineering Immersive Program*   *2020*
Udemy Courses   *2019*
- Ethereum and Solidity, the Complete Developer's Guide
- Devtools Pro: The Basics of Chrome Developer Tools