Benjamin Reinecke   Web Developer, PhD

Summary

I'm looking for a junior web developer role in a leading e-commerce company to lead teams in web development. I specialize in building full stack JavaScript applications using the NERD stack (Node, Express, React, and Databases-postgreSQL). Aside from web development, I am a former research lead at Stanford University and Lund University, a chemistry educational entrepreneur, world traveler, foreign language enthusiast, and theater improviser.

Projects

Opinionator (Back End)

Voice your opinion with Opinionator! This is a CRUD App with topics, posts, comments, authentication, authorization, favoriting, and voting. Built using Node, Express, Sequelize, postgreSQL, jasmine (test driven development), passport (authentication), bcryptjs (password encryption), ejs (view engine), heroku (deploy platform), express-flash (flash notifications), and express-validator (validate user input). **GitHub:** bit.ly/TopicsPostsGitHub **Deployed Site:** bit.ly/TopicsPostsDeployed

Grocery List (Full Stack)

Manage a list of grocery items synced in real time amongst your family and friends. Used Node, Express, React, PostgreSQL, Sequelize, and Socket.io. **GitHub:** bit.ly/GroceryListGitHub **Deployed Site:** bit.ly/GroceryListDeployed

Wiki Pages (Back End)

This is a wiki site with public and private wikis. Create, Edit, View, and Delete wikis. Built with node, express, sequelize, postgreSQL, bcrypt, ejs, express-flash, express-validator, passport, markdown, stripe (payments), and heroku. **GitHub:** bit.ly/WikiGitHub **Deployed Site:** bit.ly/WikiDeployed

Balancing Chemical Equations (Back End)

Chemistry students often struggle to balance chemical equations. This application allows students to master this skill by practicing multiple problems and monitor their progress as they go. Built using node, express, sequelize, postgreSQL, ejs, express-flash, and heroku. **GitHub:** bit.ly/ChemEqnGitHub **Deployed Site:** bit.ly/ChemEqnDeployed

Chat Room (Front End)

Single page application CRUD App with rooms, messages, and login. Built using React, Firebase, and google authentication. **GitHub:** bit.ly/ChatGitHub **Deployed Site:** bit.ly/ChatDeployed

Live Music Player (Front End)

Live music player single page application with albums, songs, and player bar controls. Built with React, React Router, and Material Design Lite. **GitHub:** bit.ly/MusicGitHub **Deployed Site:** bit.ly/MusicDeployed

Skills

Languages: HTML, CSS, JavaScript. Frameworks: Node, Express, React, Material Design Lite, Jasmine. Database/Storage: PostgreSQL, Sequelize, Firebase. Other: Heroku, MVC, Git, Unix Commands, TDD, 3rd party API's, data structures and algorithms.

Education

2007-2013   **Stanford University**, Ph.D. Chemical Engineering, GPA 3.8

2002-2007   **Rutgers University**, B.S. Chemical Engineering, GPA 3.9 and B.S. Mechanical Engineering, GPA 3.9

2018-2019   **Bloc**, Web Developer Track Certificate