JOSHUA DIEHL

Full Stack Web Developer - Junior

jd

Professional Summary

Disciplined junior Software Developer educated in SCRUM and the Git team workflow, driven by a passion for creating elegant and maximally performant digital experiences by managing complexity of abstract design architecture. Demonstrates aptitude with many programming technologies and proactively maintains awareness of industry trends. Strong educational foundation in developing full-stack MVC and MERN applications.

Work History

2022-08 - Current

Instructional Specialist - Web Dev

2U, Fort Worth, United States

- Harness programming ability to guide students to success learning full-stack web development.
- Built browser extension to reduce time spent taking attendance by more than 50%.
- Wrote and distributed student-grouping program to automatically assign balanced project groups based on current student averages.

Projects

GROUPER

- *Produce balanced student groups based on Grade Point Averages from an exported gradebook in a matter of seconds.*
- *Grouper is an NPM package written in TypeScript for the Node.js runtime.*
- *Designed and built for use by Full Stack Web Development Instructional Specialists employed by 2U/Trilogy boot camps.*
- The package is hosted by NPM @ https://www.npmjs.com/package/grouperjs

ROOMY

Contact

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Software

HTML, CSS, JavaScript
Git
NodeJS
Express.js
MongoDB
React.js
Python
AWS
Rust
TypeScript

Certifications

2022-11
AWS Certified Cloud Practitioner

Education

2021-09 - 2022-01

Certificate: Full-Stack Web Development

Southern Methodist University - Dallas, TX

6-month boot camp spanning the entire modern web development landscape. Program demanded intense collaboration, quick absorption of unfamiliar knowledge, and development sprints.

- Awarded *Most Creative Final*

- *Roomy is a full-stack MERN application and simple chat platform inspired by early-internet chat rooms.*
- *Utilizes modern WebSocket technologies to deliver near-instantaneous live text communication.*
- *An early MVP version of the application is currently deployed @ https://meep-mountain.herokuapp.com/*

CHEEP

- *Save, sort, filter, and revisit all of one's favorite learning resources from a central dashboard.*
- *Client-side application built with Typescript and React.*
- *A work-in-progress deployment is available @ https://cheep-eight.vercel.app/*

Project

2022-03 - 2022-12

Certificate - CS50X

HarvardX - Cambridge, MA

Introduction to the intellectual enterprises of computer science and the art of programming.

2022-04 - 2022-10

Certificate - CS50P

HarvardX - Cambridge, MA

An introduction to programming using Python.