Joshua Diehl

Full Stack Web Developer - Junior

jd

Contact

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Professional Summary

Agile, fledgling 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.

Software

HTML, CSS, JavaScript

Git

NodeJS

Express.js

MongoDB

React.js

Python

AWS

Rust

TypeScript

Work History

2022-08 - Current

Instructional Specialist

2U, Fort Worth, United States

- Harness programming ability to guide students to success learning full-stack web development.
- Build proprietary software to improve efficiency and enhance the teaching experience.

Certifications

2022-11
AWS Certified Cloud Practitioner

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

- *Roomy is a full-stack MERN application and simple*

Education

2021-09 - 2022-01

Certificate: Full-Stack Web Development

Southern Methodist University - Dallas, TX

6-month boot camp spanning the entire modern web

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/*

Skills

- Software Development
- Software Best Practices
- Interpersonal Communication
- Problem-Solving

development landscape. Program demanded intense collaboration, quick absorption of unfamiliar knowledge, and development sprints.
- Awarded *Most Creative Final Project*

2022-03 - 2022-12
Certificate - CS50X
HarvardX

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

2022-04 - 2022-10
Certificate - CS50P
HarvardX

An introduction to programming using Python.