

JOSHUA NEWELL DIEHL

Entry-Level Web Developer

✉ jdiehl2236@gmail.com
☎ 940-232-2236
📍 Fort Worth, TX
🌐 <https://linkedin.com/in/jaynewd73>
🌐 <https://github.com/JaynewDee>
🌐 <https://jd-2023.vercel.app>

EDUCATION

Certificate
Full-Stack Web Development
Southern Methodist University
📍 Dallas, TX

Certificate
CS50X - Introduction to Computer
Science
HarvardX
📍 Remote

Certificate
CS50P - Introduction to
Programming with Python
HarvardX
📍 Remote

Certification
AWS Cloud Practitioner
AWS Training & Certification
📍 Remote

SKILLS

- TypeScript
- Node.js
- React.js
- Express.js
- AWS
- Rust

CAREER OBJECTIVE

Trained web developer and self-taught software engineer with ability to learn and collaborate in rapidly changing environments and compositions. Eager to tackle web development/software design challenges to achieve lasting impacts on user experience. Worked through 1000+ hours of bootcamp structure, learning JavaScript, Node.js, React.js, Express.js, MySQL, and more. Devoted an additional 1000+ hours and counting to rigorous study of diverse fields related to the art of computer science. Primary objective is to deliver indispensable value through software while passionately pursuing Senior status in preparation for a transition into a dedicated back-end role.

WORK EXPERIENCE

Instructional Specialist

edX

- 📅 August 2022 - current 📍 Remote
- Harnessed programming ability to guide students to success learning full-stack web development.
 - Graded and provided feedback on student homework submissions.
 - Led review sessions for classes of 20+ students.
 - Created and deployed 12+ applications while learning new languages and frameworks.
 - Spent extra time beyond work hours to tutor dedicated students.
 - Managed attendance for classes of 40+ students.

PROJECTS

Atomic Slush - Commercial Website

Freelance Creator

- 📅 July 2023 - August 2023
- Planned, designed, and developed front-end commercial website using React and TypeScript.
 - Implemented the React Router DOM to allow nested RESTful routing.
 - Integrated Tripleseat event management system to enable web-based event booking.

Roomy - Chat Platform

Creator

- Utilized web technologies such as TypeScript, React, and Express to architect a full-stack chat room experience.
- Learned essentials of the modern WebSocket protocol to enable near-instantaneous live text communication.
- Managed persistent deployment using cloud-based technologies such as Heroku and MongoDB Atlas.

Grouper - Student Group Automator

Creator

- Utilized Node and TypeScript to design and build CLI-based classroom grouping tool.
- Input a gradebook in CSV format to algorithmically assign balanced student groups based on Grade Point Average in a matter of seconds.