

STEPHEN DOTY

Houston, TX
[linkedin.com/in/stephen-doty/](https://www.linkedin.com/in/stephen-doty/)

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Driven software consultant with the ability to pick up new software languages and technologies quickly. Detail oriented, self-motivated, strong problem solver who enjoys tackling new challenges.

Software Development Skills

- Debugging, JavaScript, Python, Node.js, React, Express, Redux, RESTful API, PostgreSQL, Sequelize, TypeORM, Bootstrap, Flexbox, AWS, HTML, CSS, Git, Github

Education

DigitalCrafts | Certificate in Software Engineering | Houston, TX Sept 2021 – Jan 2022
Oral Roberts University | B.S. in Mechanical Engineering | Tulsa, OK Aug 2009 – May 2013

Professional Work Experience

DigitalCrafts | Full Stack Web Development TA | Atlanta, GA Feb 2023 – Feb 2024

- Helped students understand technologies such as Node.js, Authentication, and React
- Mentored students as they design, code, and debug their full stack development projects

Entrance Software Consulting | Junior Software Consultant | Houston, TX May 2022 – Aug 2022

- Employed React to create custom frontend web pages per client requirements/feedback
- Used D3 JavaScript library to display client data as readable graphs
- Worked on existing Node.js backend to modify/create routes using TypeORM

DigitalCrafts | Full Stack Web Development TA | Atlanta, GA Feb 2022 – May 2022

- Assisted Instructor in administrative tasks
- Helped students understand technologies such as Node.js, Authentication, and React
- Mentored students as they design, code, and debug their full stack development projects

Jacobs Consultancy Inc | Piping Engineer | Houston, TX Oct 2019 – Jan 2021

- Created job specific standards based on client documentation
- Developed/checked various attributes of pipeline including test pressure and wall thickness calculations
- Prepared inquiry and purchase requisition packages

Welker, Inc | Lead Mechanical Engineer | Sugar Land, TX Aug 2013 – Oct 2019

- Designed sample pumps, sample probes, and pressure cylinders
- Designed equipment to industry specifications
- Reviewed and approved engineering drawings and designs for production
- Evaluated vendor bids & drawings to ensure compliance with specifications
- Performed calculations to ensure safety and functionality of designs

Web Development Portfolio (stephendoty.netlify.app | github.com/stephendoty826)

Helldivers 2 Loadouts | helldivers2loadouts.com | <https://github.com/stephendoty826/HD2LV> June 2024 - Present

- Personal project building a site where users can create and save their Helldivers 2 loadouts
- Users can manual select weapons, armor, and stratagems or use the randomizer for an added challenge
- Implemented componentization to reduce overall app complexity
- Game data JSON object was manually built as one does not exist
- Built with React.js, React-Bootstrap, Bootstrap, CSS, and Font Awesome

Boss Monster | <https://bossmonster.netlify.app/> | https://github.com/DevinABrock/Boss_Monster Dec 2021

- Member of a 4-person development team building a single player card game online.
- User can enter a username and play the game and save their score to the leaderboard.
- Primary responsibilities included implementation of game and card logic as well as minor styling.
- Built with React.js, JSX, HTML, JavaScript, node.js, CSS, Sequelize, Flexbox, and Bootstrap.

Mumford and Sons | mumfordandsons.onrender.com | github.com/stephendoty826/mumford_and_sons Nov 2021

- My own take on a band website for Mumford and Sons
- User experience allows for browsing albums, chatting, and leaving feedback
- Built with HTML, CSS, JavaScript, Node.js, Express, EJS, & socket.io.

Interests

- video games, guitar, board games