Stephen Doty
Full Stack Web Developer
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Driven web developer with the ability to pick up new languages and technologies as needed. Prior to being a web developer, I worked as a piping engineer at Worley where I was involved in managing the project's line list and developing project specific specifications.

Software Development Skills

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

Education

DigitalCrafts | Certificate in Software Engineering | Houston, TX   Sept 2021 – Jan 2022
- Software engineering training program covering full-stack development including, but not limited to JavaScript, Python, including an emphasis on cutting-edge frameworks like React/Redux and server-side technologies including Node.js, Express, and PostgreSQL.

Oral Roberts University | B.S. in Mechanical Engineering | Tulsa, OK   Aug 2009 – May 2013

Web Development Portfolio

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, JSX, Node.js, CSS, Sequelize, Flexbox, and Bootstrap.

Doorz | Doorz hyperlink | github.com/stephendoty826/DC_Back-End_Project2021   Nov 2021
- Member of a 4-person development team building a social media site with web developers in mind.
- User experience allows for registering, logging in, and creating posts with the option to choose which languages the post is about as well as comment on posts.
- Links to common web development resources are found on the side bar enabling the user to easily find what they are looking for on their coding journey.
- Primary responsibility included learning to use Cloudinary, a third-party media uploading site to enable users to upload photos for posts and profile pictures.
- Built with HTML, CSS, SCSS, JavaScript, Node.js, Express, jQuery and PostgreSQL

VideoGameSearch | videogamesearch.netlify.app/ | github.com/stephendoty826/VideoGameSearch   Oct 2021
- Member of a 3-person development team building a video game search site where users can search any video game by title
- User experience also allows for viewing games based on the following genres: Free-To-Play, First-Person Shooter, and Open World
- Game description, screenshots, ratings, platforms and ESRB rating are populated dynamically by the use of an API
- Responsibilities included grabbing data from the API and populating the page, JavaScript logic, DOM manipulation and some minor styling
- Built with HTML, CSS, JavaScript

Professional Work Experience

Entrance 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 necessary routes for database calls using TypeORM

DigitalCrafts | Full Stack Web Development Teaching Assistant | Schaumburg, IL   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 web development projects

Jacobs Consultancy Inc | Piping Engineer | Houston, TX   Oct 2019 – Jan 2021
- Created job specific standards based on client documentation.
- P&ID drafts, developed and maintained Specialty Item List, developed Specialty Item Data Sheets
- Developed/checked Line List including test pressure computation and wall thickness validations
- Prepared inquiry and purchase requisition packages

Welker, Inc | Lead Mechanical Engineer | Sugar Land, TX   Aug 2013 – Oct 2019
- Designed pipeline sampling equipment including sample pumps, sample probes, and constant pressure cylinders.
- Performed Strength calculations including pressure vessel calculations, thread & bolt strength calculations and wake frequency (Von Karman) calculations
- Designed equipment to PED, CSA, CRN, NEC, DOT specifications
- Reviewed and approved engineering drawings and designs for production
- Evaluated vendor bids & drawings to ensure compliance with specifications
- Assisted in the development of department-wide design guides, specifications & control procedures.