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, AWS, HTML, CSS, Git, Github

Education

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

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 routes using TypeORM

DigitalCrafts | Full Stack Web Development TA | 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 purchase requisition packages

Welker, Inc | Lead Mechanical Engineer | Sugar Land, TX   Aug 2013 – Oct 2019
- Designed sample pumps, sample probes, and constant pressure cylinders
- Designed equipment to industry specifications (e.g. PED, CSA, CRN, NEC, DOT)
- Reviewed and approved engineering drawings and designs for production
- Evaluated vendor bids & drawings to ensure compliance with specifications
- Performed pressure vessel, thread & bolt strength and wake frequency (Von Karman) calculations

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

Software Projects include:

Boss Monster | https://bossmonster.netlify.app/ | https://github.com/DevinABrock/Boss_Monster   Dec 2021
- Member of a 4-person team creating 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 team developing a social media site with web developers in mind
- User experience allows for registering, logging in, creating posts and commenting
- Links to common web development resources placed on sidebar to assist user in coding
- Primary responsibility included implementation of Cloudinary to enable users to upload photos
- 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 team building a site where users can search video games by title
- User experience allows for viewing games based on: Free-To-Play, First-Person Shooter, and Open World
- Responsibilities included populating page with API data, JavaScript logic, DOM manipulation and styling
- Game description, screenshots, ratings, platforms and ESRB rating are populated dynamically via an API
- Built with HTML, CSS, JavaScript

Interests

- video games, guitar, board games