Riddhi Patel

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Project engineer with 3+ years of strong technical background and project management skills. Looking for a responsible and challenging web development opportunity, where I can use my software development and full-stack bootcamp knowledge.

Highlights of Qualification:
- Working experience with projects in Design engineering, System testing and Project management.
- Facilitated all aspects of a complex program's contract and change management process.
- Independently investigated issues, suggests programming changes and written itemized bug reports. Formed and retained responsibility for cases and test results all through Agile-SDLC.
- Hands-on experience in developing website using React.js like commercial shopping website.
- Frequently used various libraries like SciPy, Pandas, Pillow, Matplotlib, NumPy, OpenCV, and Request.
- Solid understanding of engineering fundamentals and technical problem-solving skills
- Ability to manage multiple tasks and work toward long-term goals.
- Strong problem solving and troubleshooting skills.
- Familiar with analyzing, tracking, reporting, and interacting with team members in fixing errors.
- Strong written and verbal communication.

Skills:
- Tools: Primavera Contract Management, Electrical AutoCAD, MEMS Pro, HMI Web Builder.
- Languages: Python, C, HTML, VBScript, CSS
- Operating System: Windows, iOS, Linux-Ubuntu, Android
- Links to showcase examples of my work:
  - Front-end development: https://my-great-netlify-communitysite.netlify.app
  - Back-end development: 1. https://github.com/Riddhi1992/MyFirstRepo/tree/master/BlogCRUD
    2. https://github.com/Riddhi1992/MyFirstRepo/tree/master/LandRiver
    3. https://github.com/Riddhi1992/MyFirstRepo/blob/master/TicTacToe.py

Work Experience:
Freelancer   **April 2020 – Present**
- Used Python to implement algorithms, data processing, and various automation tasks.
- Designing responsive web pages using HTML5, CSS3, JavaScript, Bootstrap, AJAX as per the client requirements. Also, used DOM knowledge to meet client's requirements.
- Installed Django Web Framework in developing web applications to implement the model view control architecture.
- Used responsive web design viewport, grid system, media queries to design responsive websites based on the different devices, resolution, and be able to render and adapt correctly.
- Created wire frame for the ecommerce website and used HTML5, CSS3, JavaScript, Bootstrap, jQuery to develop the front-end.
- Developed the land and river game that basically first check the login authentication and then allowed to play the game.
- Used MySQL to populate massive database.
- Created blog application that can create, update, and delete the blog using CRUD operation using Node/NPM, pug view engine, SCSS, CSS, JavaScript.
- Designed Notepad and Scientific Calculator using Tkinter GUI development.
- Using GitHub platform for version control system.

Honeywell LAWINS Program (KDG Construction Consulting)   **April 2017 – April 2020**
Project Engineer
- Acceptance activities to ensure that GUI interface comply with project specification and client requirements.
- Participate in Design/Implementation of Honeywell's product range including Industrial control systems and GUI to meet customer specification.
- Performed front-end testing which includes functionality, navigation, GUI and validating all the links.
- Performed back-end testing on the admin pages to verify data accuracy and stability.

- Identified the areas for improving effectiveness, shortening the test cycles, and computerization of test contents and suggest resolutions for improvement.
- Implemented system upgrades or modifications that have the potential to significantly impact the customer's process.
- Identified gaps and failure points and perform Root Cause Analysis and developed requirements that supported overall strategy, goals and objectives
- Partaking in all parts of product testing, including test plan advancement, execution, and conveyance of verified explanations with brief timeframe to deliver.
- Conducted detailed project reviews to quantify the scope, schedule, and cost impacts of potential project claims.

Education:

Doctorate in Business Administrative   **January 2020 – January 2023**
Westcliff University, CA

Master of Science in Electrical Engineering   **December 2016**
Cleveland State University, OH

Full-Stack Bootcamp with Westcliff University   **Grad Date: June 2021**
- Front-End: HTML, CSS, Bootstrap, JavaScript, jQuery, ES6
- Back-End: Python, Node.js, React.js
- Database: MongoDB, MySQL