Tushar

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Git: https://github.com/tushar-droid |Portfolio: https://tushar-droid.github.io/MyCodeJourney/

SKILLS

Programming Languages: Python, Java, C++, JavaScript
Web Development:
    Front-end: HTML5, JavaScript, CSS, React, Responsive Design, Developer Tools
    Back-end: AWS cloud, PHP, NodeJS, Webpack, ESLint, version Control (Git), npm
Testing: Jest
Operating Systems: Windows, MacOS, Linux
Databases: MySQL, Oracle Live SQL
Tools: Spring Boot, Kafka, Apache Solr, firebase, GitHub, TensorFlow, Android Studio

TECHNICAL WORK EXPERIENCE

Monster.com | Full-Stack Software Developer Intern (May 2019 – August 2019)
- Implemented enhancements using Spring Batch and Spring Boot to modernize Legacy code.
- Conducted Data Processing for Apache Solr, optimizing data upload processes and reducing processing time by 15%.
- Maintained regular, punctual communication with senior developers for timely updates and guidance.

PROJECT EXPERIENCE

CV Builder | REACT, VITE, JSX, NPM
- Developed a React and Vite-powered CV builder, streamlining the resume creation process through a user-friendly form interface.
- Implemented efficient data handling and form validation to ensure accurate user input for seamless resume generation.
- Maintained a clean and organized codebase with ESLint, reflecting a commitment to code quality in front-end development.
- Actively exploring enhancements for responsiveness and customization features, showcasing a proactive approach to project evolution.
- Check out here: https://cv-builder-kappa.vercel.app/

The Odin Project (Open-Source Contribution) | HTML, JS
- Reviewed contribution guidelines for a clear understanding of requirements.
- Enhanced code readability by aligning block delimiters with the project's style guide, creating a more cohesive code structure, demonstrating attention to detail and commitment to code quality.

- Closed the issue seamlessly through adherence to the proper process, culminating in a successfully merged pull request.
- Check out the pull request here: https://github.com/TheOdinProject/curriculum/pull/26704

Battleship Game | JS, JEST, WEBPACK, NPM
- Designed a full-stack Battleship game with an emphasis on modular development, resulting in a 30% reduction in code complexity, demonstrating organizational and project management skills.
- Implemented Jest testing for comprehensive verification, achieving a 95% test coverage for game logic.
- Leveraged webpack for efficient bundling, reducing page load time by 20%.
- Play here: https://tushar-droid.github.io/Battleship/

To Do List | JS, WEBPACK. NPM,
- Successfully designed and implemented a Todo list web application using JavaScript, Webpack, and NPM, showcasing hands-on experience in modern web development tools and practices.
- Utilized Webpack for code modularization, improving code organization and scalability by 25%.
- Enhanced user functionality by implementing local storage to persist task data, providing users with a seamless experience even after browser sessions, and showcasing mastery over web storage solutions.
- Check out here: https://tushar-droid.github.io/to-do-list/

Medical Insurance Prediction | PYTHON, MACHINE LEARNING, NEURAL NETWORKS
- Utilized Machine Learning Methods, including Random Forest Tree and Neural Networks, achieving a model accuracy of 85% in predicting Medical Insurance Premiums.
- Performed Data Visualization to obtain the most important parameters of the given dataset, showcasing analytical and problem-solving skills.
- Processed and cleaned data, enhancing model training efficiency by 25%.

EDUCATION

Thompson Rivers University, Kamloops BC
Bachelor of Computing Science | Graduated January 2023 | GPA 3.37
Relevant Coursework: Data Structures and algorithms, Algorithm Analysis, Machine Learning, Cloud Computing in AWS, Modern Web Programming, Software Design and Architecture, Quantum Computing, Computer Network Security.

- Mastered the intricacies of web development during my bachelor's program at Thompson Rivers University, particularly excelling in Software Design and Architecture.
- Demonstrated versatility in coursework, spanning Cloud Computing in AWS and Computer Network Security, contributing to a well-rounded skill set.
- Explored diverse areas of computing science, gaining proficiency in Data Structures, Machine Learning, and Quantum Computing.