CONTACT

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CORE AREAS

Clean Architecture
Code Reviews
Data Structures
Full Stack Development
Object-Oriented Programming
Product Development
Responsive Design
SDLC Concepts
Test Driven Development (TDD)
Testing and Quality Assurance
Troubleshooting & Debugging
UI/UX Design
Web Development

EDUCATION

BS in Computer Science, University of Texas at Dallas | 2023

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C, C#, C++, Java, SQL, HTML5, CSS3
Development: React, Next.js, TailwindCSS, VueJS, Node.js, Express, Django, Flask, Spring Boot, .NET
Tools: Github, Docker, SQL Databases,MongoDB, Postman, Figma

DANIEL REAGAN

SOFTWARE DEVELOPER

Growth-focused software developer with hands-on experience in designing, developing, testing, and maintaining scalable, appealing, and high-performance products and applications. Committed to excellence, adept at writing clear, reliable, testable, and maintainable code. Highly organized with a keen eye for detail, adept at prioritizing and allocating resources to meet demanding deliverables in dynamic environments. Exceptionally dedicated professional with impressive communication, problem-solving, and relationship-building skills, thrives in fast-paced, cross-functional settings.

PROJECTS

eCommerce Platform | August 2023
https://hotlama.co/

- Designed, developed, tested, and maintained a functional and reliable eCommerce platform using TypeScript, JavaScript, React, Node.js, Express, and MongoDB.
- Engineered intuitive client-side interface using React and Chakra UI, delivering a streamlined user experience to maximize engagement.
- Built robust API via Node.js and Express, facilitating real-time retrieval and manipulation of product information stored in MongoDB collection.
- Implemented inventive features and functionalities, enabling users to add items and place orders effortlessly to enhance conversion.
- Optimized back-end performance and data retrieval from MongoDB, reducing page load time and creating a smoother experience.

Gamestack | July 2023
https://gamestack-dsr.netlify.app/

- Directed the full-stack development of GameStack, leveraging TypeScript, JavaScript, and React to create a platform to allow users to explore video game titles.
- Researched user needs to establish product roadmaps and determine required functionalities, developed advanced search functionalities, and crafted an appealing and intuitive AI utilizing React and Chakra UI.
- Conceptualized and integrated custom hooks to query RAWG database API and provide users with real-time data.
- Made use of React Query to design, develop, and integrate stable and functional query hooks to allow seamless data exchange between the front-end and RESTful API and ensure product and application functionality.
- Coordinated unit and integration testing across components, identifying and debugging various pain points, bugs, and issues, and improving website responsiveness.

Portfolio Website | May 2023
https://DSReagan.com

- Developed a user-friendly product using TypeScript and React, created dynamic and responsive interfaces, ensured consistency, and implemented responsive design practices to enable cross-device accessibility.
- Performed design and code reviews, uncovered pain points and defects, created enhancements, and continuously evolved the product.

Classroom Connect | April 2023
https://github.com/DSReagan/TutoringApp

- Co-directed project team in developing, testing, and deploying web-based application to connect students with qualified tutors.
- Created backed using Python and Flask, incorporated SQLite database to manage data, and utilized Jinja and Bootstrap to create an intuitive front-end.
- Coordinated Agile ceremonies (sprint planning, grooming, and retrospectives) while supporting team-wide code reviews, delivering a measurable boost in product reliability, security, and performance.

Image Gallery | June 2023
https://image-gallery-dsr.netlify.app/

- Developed a user-centric application using React that enables real-time image search and personal library creation.
- Integrated Node.js and Express-based API, achieving seamless interaction with the Unsplash image API.
- Created MongoDB database with optimized queries, enhancing data integrity and enabling effective data retrieval.