Ronil Patel
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My Website | **LinkedIn** | **Github**

Career Experience: Software Developer at Integ Enterprise Consulting   **Feb 2022 - Dec 2023**

- Spearheaded full-stack development projects, contributing to front-end and back-end components of enterprise software solutions.
- Developed and maintained user interfaces using HTML, JavaScript, and React, ensuring responsive and intuitive user experiences.
- Designed and implemented robust back-end systems using Node.js, Express, and SQL databases for efficient data storage and retrieval.
- Optimized data pipeline, reducing processing time by 50% through efficient ETL processes and database optimizations.
- Collaborated with cross-functional teams to gather requirements, design solutions, and deliver high-quality software products meeting client needs.
- Diagnosed and resolved technical issues across the software stack, ensuring optimal system performance and minimal downtime.
- Engaged in Agile development practices, participating in sprint planning, daily stand-ups, and retrospectives for iterative improvements and project milestones.

Technical Skills:

- Programming & Development: Advanced proficiency in Python, SQL, and comprehensive Full Stack Development skills. Mastery over front-end technologies such as HTML, CSS, JavaScript, React, and back-end development using Node.js and Express.js frameworks.
- ETL Tools & Data Engineering: Hands-on experience in leveraging Apache Spark and AWS Glue for designing and optimizing ETL processes, facilitating efficient data extraction, transformation, and loading.
- Version Control: Skilled in employing Git for robust version control, supporting collaborative development workflows across distributed teams.
- Technical Proficiencies: Demonstrated capability in addressing complex software development challenges and data processing tasks, optimizing processes, and driving continuous improvement.
- Soft Skills: Exceptional problem-solving skills, effective communication abilities, adaptability, and fostering positive team dynamics.
- .NET Framework & Learning Initiatives: Engages with the .NET framework at a beginner level, focusing on acquiring and enhancing skills in C# and ASP.NET.

Education:

FlatIron School, New York   **March 2022-October 2023**
   Full Stack Developer, Software Engineering
Midlands Technical College, Columbia, SC   **July 2018-July 2021**
   Marketing/communications Bachelor's Degree in Marketing

Technical Projects:

E-commerce Github Video

- Enabled users to buy and sell sneakers, implemented user authentication, real-time pricing data, transaction history, and user reviews.
- Implemented a robust authentication system for user registration, login, and password recovery.
- Created a user-friendly platform for listing and browsing sneakers, integrated APIs for real-time pricing and market data, and enabled user ratings and reviews.

Number Guesser Github Video

- Developed an engaging Number Guesser game in C#, with three difficulty levels and a user-friendly console interface.
- Designed robust user input validation and utilized .NET's Console Application framework for development.

Serpent Safari Github Video

- Developed dynamic maze generation for unique playthroughs, power-ups, immersive visuals, highscore tracking, intuitive controls, customizable settings, and multi-platform compatibility.
- Python with Pygame: Developed game logic, mechanics, graphics rendering, event handling, and sound playback using the Python programming language with the Pygame library.