Gabriel Dalpian de Castilhos Pedro

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Education

New Jersey Institute of Technology   September 2022 - Expected December 2026
B.S. Information Technology   Newark, New Jersey

Relevant Coursework

Courses: Intro to Computer Science, Internet Applications, Database Design Management & Applications, System administration, Intro to Python, Web Development, Analysis & System Design, Java Programming, Network Technology.

Skills

Languages: Java, Python, SQL, JavaScript, HTML5/CSS, PHP
Libraries & Frameworks: ReactJS, BootStrap, mySQL
Tools: Git/GitHub, Linux

Projects

E-commerce Store | ReactJS, CSS

- Developed a fully functional e-commerce platform for purchasing soccer jerseys.
- Implemented a shopping cart with state management using React hooks.
- Designed a responsive layout with CSS for an optimal user experience.

Crypto Price Tracker | Python, PHP, SQLite3, CSS

- Developed a crypto price tracker using Python and an API to fetch and store real-time Bitcoin and Ethereum prices.
- Built a backend system with SQLite3, automating data storage and updating every 10 minutes.
- Created a dynamic web interface in PHP to display live cryptocurrency prices in a table, integrated with the backend.

Bank Account System | Java

- Developed a Java-based banking system supporting account creation, deposits, withdrawals, and transfers.
- Implemented interest application for savings accounts, enhancing user experience with automatic balance updates.
- Created transaction history tracking to log and display all user account activities.

Portfolio Website | ReactJS, Bootstrap

- Engineered a responsive portfolio website using ReactJS, and Bootstrap
- Integrated React Icons and Bootstrap components for a modern UI.
- Utilized CI/CD with Vercel, enabling seamless deployment

WeatherApp | HTML/CSS, JavaScript

- Developed a weather application that fetches current weather data for any given city using the OpenWeatherMap API.
- Utilized JavaScript to handle user input, make API requests, and display the results in real time

Languages

- English
- Portuguese