Robert Charpentier

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I am a detail-oriented individual who has knowledge of Python, JavaScript, SQL, and full-stack development. Experienced in IT troubleshooting. I am actively seeking opportunities in software development and technology-driven projects to utilize and expand my coding skills.

Highlights of Skills

- React, Bootstrap
- Java
- Python
- HTML/CSS
- VS Code

- Experience with SQL
- PHP
- Node.js
- Oracle Apex
- GitHub

Career Experience

TSL Insurance Group, Lafayette, LA

IT & Communications Assistant   (December 2023 to Present)

Provide IT support including hardware/software troubleshooting, account creation, and password resets.

- ScreenConnect (ConnectWise Control): remote desktop and support software that allows users to remotely access and control computers. It's often used by IT professionals for remote troubleshooting, technical support, and system administration.
- Active Directory: Microsoft directory service used for managing users, computers, and resources in a Windows network environment.
- Microsoft Office Suite: Proficient in using Excel, PowerPoint, Word, and other Microsoft products to create and edit spreadsheets, presentations, documents, and marketing materials efficiently.

Men's Wearhouse, Lafayette, LA

Retail Associate   (March 2021 to February 2024)

Provided excellent customer service by assisting clients with rentals and purchases, ensuring satisfaction.

- Client Consultation – Helping customers find the right suit, shirt, or accessories based on their needs, body type, and style preferences.
- POS Systems – Processing transactions, handling refunds, and using point-of-sale systems.

Education & Credentials

Bachelor of Science Informatics – Business Informatics   May 2024

University of Louisiana Lafayette

Projects

Portfolio Website

My portfolio website is a personal showcase of my software development skills, projects, and experience. It includes:

- **About Me**: A summary of my background, skills, and career aspirations.
- **Projects Showcase**: A dedicated section displaying my key project, including ScholarSphere, Fit Check Mate, and LifeQuest with descriptions and video demos for Fit Check Mate and LifeQuest.
- **Technical Skills**: A breakdown of my experience with Python, JavaScript, SQL, React, Node.js, and more.
- **Contact Information**: A way for recruiters and collaborators to connect with me.
- **Resume Download**: An option for visitors to access my latest resume.

Fit Check Mate Website (Currently being updated)

Fit Check Mate is an innovative clothing color-matching web application designed to help users determine whether their clothing items complement each other. The app analyzes color compatibility and provides style recommendations.

Key Features:

- **Image Upload & Color Extraction**: Users upload photos of clothing items, and the app extracts the primary colors.
- **Color Matching Algorithm (Pending)**: Extracted colors are compared to a predefined database of 50+ fashion-approved hex codes to determine compatibility.
- **Suggestions for Better Matches (Pending)**:: If the colors don't match well, the app suggests closer color alternatives for a more cohesive outfit.
- **User Accounts & Saved Colors**: Users can create accounts using Firebase Authentication and save extracted colors for future references.
- **Responsive Design & Theming**: Built with React.js and Bootstrap to provide a seamless and visually appealing experience.
- **Deployed Online (Backend Pending)**: Hosted on Vercel and Render, making it accessible anywhere.

LifeQuest Application (Currently being updated)

LifeQuest is a gamified personal productivity web application that transforms real-life habits and daily tasks into an engaging role-playing game experience. Users earn XP, level up character stats, and track personal growth by completing meaningful, categorized activities.

Key Features:

- 🎮 **Gamified Habit Tracking:** Earn XP and level up stats like Strength, Wisdom, and Discipline by completing real-world tasks.
- 📝 **Task System:** Choose from a curated list of tasks or create custom ones with XP limits to prevent exploitation.
- 📊 **Stat Progression & Visualization:** Dynamic progress bars and levels for five core stats with XP caps and real-time UI updates.
- 💾 **Persistent Progress:** All stats and task history are saved locally using localStorage for seamless session continuity.
- 🧠 **Anti-Cheat Measures:** XP inputs are validated to be divisible by 5 and limited to preset options (unless custom is chosen).