

Julian Palmisano

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Education

- Bachelors in Computer Science from Southern New Hampshire University Aug 2023 – Jan 2026

Experience

Full Stack Software Developer | Drive Force CDL Academy Feb 2025 - Present

- Developed a custom responsive website using HTML, CSS, JavaScript, Node.js, and Firebase, enhancing user experience and accessibility.
- Implemented Firebase Authentication for secure client portal access, enabling clients to sign in, view, and manage student data, increasing operational efficiency.
- Integrated Firebase Realtime Database for efficient student enrollment management and Firebase Storage for secure image handling, improving data management and scalability.
- Enhanced business development by streamlining the enrollment process, reducing manual tasks and improving customer satisfaction.
- Optimized website performance using Bootstrap for a mobile-friendly and fast-loading experience, attracting a wider audience.
- Increased student enrollment by providing a seamless, user-friendly online registration system, leading to higher conversion rates.
- Contributed to overall business growth by developing a system that scaled with the increasing demand for CDL training services.

Data Management Intern,

The Advanced Regenerative Manufacturing Institute | ARMI Feb 2025 – Present

- Managed and cleaned customer and client data for a biotech company specializing in tissue and organ regeneration, ensuring accurate records in Salesforce. Contributed to **BioFabUSA**, an initiative focused on manufacturing tissues and organs to advance healthcare through regenerative medicine and technological innovation.
- Organize and update spreadsheets to maintain data integrity, supporting client relations and outreach efforts in the regenerative medicine industry.

Database Specialist, Rockland Fuel Oil Jan 2020 – Jan 2021

- Acquired foundational knowledge of data management software, including tools for customer billing, ticket printing, price calculation, and primary key configuration.
- Managed and protected sensitive customer information, ensuring data security and privacy. Gained hands-on experience in navigating, editing, and maintaining databases, with a focus on accuracy and efficiency.

Personal Projects

Native Android Mobile Application

- Developed a user-friendly budgeting application leveraging Google Cloud Console (GCP) and the Sheets API.
- Implemented a RESTful API architecture to enable seamless Post and Fetch operations for real-time data management.
- Empowered users to set financial goals, track spending, and build disciplined budgeting habits.
- Tech Stack:** Kotlin, XML, GitHub, Android Studio, Agile, Jira, GCP, Google Sheets

C# Video Streaming Application

- Developed a multi-user content streaming application enabling simultaneous playback across different locations. Implemented a built-in chat feature for real-time text communication among users.
- Designed a visually appealing user interface using Photoshop and integrated it seamlessly with WinForms and C#.
- **Tech Stack:** C# .NET Framework, WinForms, Raw TCP, Nginx, Nuget, LibVLCSharp, HtmlAgilityPack, SeriLog, Visual Studio, GitHub, Discord, HacknPlan

Cuisine Chronicles

- Developed a full-stack cookbook application utilizing the MVC design pattern with C# and the .NET Framework, incorporating JavaScript and Bootstrap for a dynamic and responsive UI. Integrated MongoDB for efficient recipe storage and Firebase for authentication and real-time data synchronization, enabling users to manage and share recipes seamlessly.

MySQL Workbench

- Hospital Management Database System. Allows users to store patient information such as age, gender, admission date, allergies and more, as well as doctor, nurse, and medical record information. Users can add, remove, edit, join, and intersect information from tables allowing for data to be compiled into information.
- **Tech Stack:** MySQL WorkBench, SQL, Normalization

Power BI Analysis

- Data analysis and visualization of cigarette use amongst middle school aged individuals. This analysis provides insights into how, why, and where cigarette use flourishes amongst the youth, providing medical, social, and psychological insights into prevention and trends.
- **Tech Stack:** Power BI, Microsoft PowerPoint, Microsoft Excel

Languages & Interests

- English (Native) | Arabic (Intermediate)
- Reading, Programming, Theological studies, Muay Thai, Language learning