JohnArmon Antolin

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SOFTWARE DEVELOPMENT PORTFOLIO

MASS Clinic: Patient Quality Dashboard | *ReactJS, Azure SQL, ExpressJS, AngularJS, MongoDB, Microsoft Azure*
- **Full Stack Application Development**: Developed a full-stack application to display health clinic patients' statistics using the ChartJS library, providing clear and interactive data visualization
- **Agile Development Cycle**: Collaborated with a 4-person development team, employing the agile development cycle with monthly scrums, JIRA software, and daily sprints to complete the project's SDLC within 2 school semesters
- **Cloud Deployment**: Hosted the MVC-modeled client-end application and the pipe-and-filter-modeled administrator-end application on Microsoft Azure services, utilizing a 3-Tier Client-Server architecture for efficient communication and scalability

Employee Manager App | *AngularJS, Java Spring Boot, mySQL*
- **Full Stack Application Development**: Developed a full-stack, responsive employee manager application with an AngularJS frontend and a Java Spring Boot backend, displaying employee details on cards.
- **CRUD Functionality**: Implemented comprehensive CRUD functionality, allowing users to add, delete, update, and view employee details seamlessly
- **REST API Integration**: Built a robust REST API in Java Spring Boot with MySQL, leveraging Spring Data JPA for efficient data management and retrieval

Ecommerce Admin Dashboard App | *MERN stack, Material UI, NIVO, Redux Toolkit, RTK Query*
- **MERN Stack Development**: Created a comprehensive MERN stack application, incorporating Material UI for user interface design and NIVO libraries for dynamic data visualizations
- **State Management and API Integration**: Integrated Redux Toolkit for efficient state management and RTK Query for streamlined API calls, enhancing the application's responsiveness and performance
- **Extensible Architecture**: Utilized the Model-View-Controller (MVC) design pattern to ensure a scalable and maintainable software architecture

WORK EXPERIENCE

Holy Spirit Catholic Church   Nov. 2020 – Present
Communications Director   *Jacksonville, FL*
- **Developed Social Media Strategy:** Redesigned the church's social media account creating clear and engaging posts that boosted engagement, reaching over 35,000 accounts and achieving over 11,000 page visits within 2 years
- **Enhanced Weekly Bulletin:** Improved readability and design of the weekly bulletin, recognized by leadership and peers, resulting in 500 copies distributed during weekend services
- **Composed PowerPoint Presentation Unique Template:** Designed and created a PowerPoint template specifically for the church's needs, enhancing visual support for the church's daily services

Bishop Kenny High School   Nov. 2020 – May 2021
Teacher   *Jacksonville, FL*
- **AP Computer Science Success:** Taught the AP Computer Science Principles course using JavaScript, resulting in 75% of students scoring 3 or higher on the AP exam, surpassing state and global averages
- **Comprehensive Course Management:** Developed lesson plans, graded assignments, and provided feedback for 6 courses, supporting over 150 students in improving their understanding of course materials
- **Continuous Professional Development:** Engaged in professional development opportunities to stay current with best practices in teaching and advancements in technology

Sam's Club   Sept. 2019 – Nov. 2019
Retail Sales Associate and Member Assistant   *Jacksonville, FL*
- **Customer Assistance:** Assisted customers with inquiries and purchases, providing knowledgeable and helpful advice to enhance their shopping experience

EDUCATION

University of North Florida| Jacksonville, FL   May, 2022
Bachelor of Science, Computing and Information Sciences   *Cumulative GPA: 3.79*

SKILLS & TECHNICAL TOOLS

- **Languages:** JavaScript (Angular, React frameworks), Java (Spring Boot framework), Python, SQL, HTML, CSS
- **Technologies:** Git, GitHub, JIRA, mySQL, MongoDB, Microsoft Azure Services, Microsoft 365
- **Certification:** Computer Science FL Educator Certification