

Chris Daniel L. Victorio

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TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Python

Frameworks & Libraries: Node.js, Express, React.js, Zustand, React Query, Tailwind CSS, Bootstrap, Shadcn

Tools & Database: PostgreSQL, MongoDB, Git, Github, Prisma, Postman, Cloudinary, Socket.io, JWT, bcrypt

PROJECTS

Monitoring System with Facial Recognition and SMS Notification | *Front-End Developer*

Technologies used: Python, PHP, MySQL, Bootstrap

- Led the frontend development of a comprehensive monitoring system interface, achieving a 94% satisfaction rate among users for its design and interactivity, significantly enhancing user engagement.
- Designed the facial recognition system's user interface using PyQt, ensuring a smooth user experience for desktop applications.
- Collaborated with the backend developer, contributing innovative ideas and solutions that ensured seamless integration and enhanced overall functionality of the facial recognition system.

Sentiment Analysis on Lazada's Product Reviews using Multinomial Naive Bayes

Technologies used: Python, Anaconda, Jupyter Notebook, Machine Learning, NLP

- Conducted a sentiment analysis on 1,000 comment reviews for face mask products on Lazada, identifying 72.9% positive and 27.1% negative sentiments.
- Preprocessed data using techniques such as case folding, tokenization, stop words and punctuation removal, and stemming to improve text analysis.
- Implemented TF-IDF for word weighting and trained a sentiment analysis model using the Naive Bayes algorithm, achieving an accuracy of 89.2%.
- Visualized frequent words in positive and negative sentiments using WordCloud to highlight key terms.

Social Media Application | *Full-Stack Developer*

Technologies used: Typescript, Node.js, React.js, PostgreSQL, Prisma, Socket.io, Tailwind CSS

- Designed and developed a full-stack social media platform that allows users to post, like, comment, follow, receive notifications, and engage in real-time messaging using Socket.io.
- Integrated JWT for secure user authentication and authorization, ensuring protection of user data and privacy, and used bcrypt for hashing passwords to enhance security.
- Applied TanStack Query for efficient and reliable data fetching, caching, and synchronization between the frontend and backend.
- Utilized Postman to design, test, and document the RESTful APIs, ensuring smooth communication between the client and server and improving the development process.
- Optimized media management by integrating Cloudinary for image uploads, enhancing the platform's ability to handle multimedia content efficiently.
- Integrated Shadcn components and developed a mobile-responsive design using Tailwind CSS to ensure an optimal user experience across all devices.

EXPERIENCE

Cirtek Electronics Corporation

Information Technology - Intern

Biñan, Laguna

July 2023 – Sep. 2023

- Managed and resolved client issues efficiently through a structured ticketing system, diagnosing and troubleshooting software and hardware challenges.
- Effectively communicated technical issues and solutions to clients, simplifying complex technical information to ensure understanding and resolution.

EDUCATION

De La Salle University

Bachelor of Science in Computer Science

Dasmariñas, Cavite

Aug. 2020 - Aug. 2024

- Grades:** 3.47/4.00 GPA