ZHAZTED RHIXIN V. VALLES

Cebu, Philippines | +63 927 193 5386 | vallestedted@gmail.com | LinkedIn: Rhixin Valles | GitHub: Rhixin

TECHNICAL SKILLS

Languages: C, C++, C#, Java, PHP, JavaScript, SQL, Python

Frameworks: Next.js, Bootstrap, ASP.NET, Django

Libraries: Nodejs, React, jQuery, libGDX, PyGame, PyTurtle

Machine Learning & Data Science Libraries: Pandas, TensorFlow, Keras, Seaborn, Matplotlib

Database: Cloud Firestore, MySQL, Firebase Storage

Developer Tools: Android Studio, github, IntelliJ, VS Code

Others: Leetcode (250+ problems solved)

SOFT SKILLS

Adaptability	Project Management	Accountability
Critical Thinking	Time Management	

PROJECTS

MNSTS School Website | Next.js, Tailwind, MongoDB, Cloudinary,   **January-March 2025**

- Developed and deployed a School Website alone using MongoDB as backend and Next.js as frontend
- This school website allows students to see news, announcements, events, organizations/clubs, and school achievements.
- The website also has an admin dashboard where you can manipulate information to display on the website.
- It also sends an email to subscribed students if admin recently added news, announcements and events.

RoomRadar Website | React, Next.js, Bootstrap, ASP.NET, MySQL, Google Maps API   **November-December 2024**

- Developed a landlord-tenant platform that streamlines the process of finding and listing boarding houses. Integrated Google Maps API for interactive property listings and implemented advanced search filters for tenants.
- Built an interactive landlord dashboard for managing boarding house listings and a tenant search system with advanced filters for proximity, price range, and availability. Integrated Google Maps API to display properties with pin locations, enhancing user navigation.
- Handled mostly of the frontend work of the project.
- Implemented API connectivity between the frontend and the ASP.NET backend.

Cinema Ticketing System with Reserved Seating | HTML, CSS, Javascript, Python Django   **August-October 2024**

- Developed a website that handles Cinema Ticketing System with Admin side that enables listing a movie.
- Used SQLite as the database.
- Implemented a reserve seating feature where users can select seats based on their preferences.
- Implemented most of the project's frontend and a little bit of the structuring of the database.

Disease Symptoms Analysis | Python, Matplotlib, Pandas, Seaborn, Apriori   **September-October 2024**

- Collected and preprocessed a dataset of diseases, symptoms, and side effects.
- Implemented the Apriori algorithm to identify frequent symptom sets and disease associations.
- Analyzed relationships between diseases based on shared symptoms to uncover potential correlations.
- Utilized Seaborn & Matplotlib for visualizations, including heatmaps and network graphs.

RoomRadar Application | Java, Android Studio, Cloud Firestore, Google Maps API   **May-June 2024**

- Developed a mobile application that enables users to find nearby apartments based on their pinned location.
- Designed and implemented user authentication, allowing landlords to list properties and tenants to search for accommodations.
- Integrated Firebase Storage for efficient and secure picture uploads to the database.
- Played a key role in database management and contributed to frontend development.

Terraria Game Duplicate | Java, libGDX   **January-March 2024**

- Developed a 2D game where players mine resources and craft materials to survive, inspired by Terraria.
- Independently designed and implemented all aspects of the game, except for the graphics.
- The game is also equipped with boss battles. The game can only be won by defeating the boss.

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EDUCATION

DOST JLSS Scholar   **August 2024 – Present**

Cebu Institute of Technology – University   **August 2022 – Present**
Bachelor of Science in Computer Science   Cebu City, Philippines
Medellin National Science and Technology School   **June 2016 – June 2022**
Graduated as Class Salutatorian   Medellin, Cebu, Philippines

CERTIFICATIONS

Python	Udemy 100 Days of Code: The Complete Python Pro Bootcamp	
React	Udemy React - The Complete Guide 2024	
JavaScript	Udemy The Complete JavaScript Course 2024: From Zero to Expert!	
C	CodeChum Certification Exam	Cebu Institute of Technology – University
Java	CodeChum Certification Exam (3rd Place)	Cebu Institute of Technology – University