Alexius David Perkasa Tosin

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Analytical and detail-oriented with experience in system and business analysis, website design, and documentation. Strong skills in SQL, Java, HTML, CSS, JavaScript, and system diagram analysis using Visual Paradigm, draw.io, and Visio. Studying accounting and finance, with hands-on experience in financial statement preparation, data cleaning, and journal management using Excel and MEKARI, as part of my academic coursework.

EDUCATION

Information System and Accounting in Binus University   2022-Present
- 3.69/4.00

PROJECTS

"C'Groovy" Web Based Application Development Project
- Designed and developed a fully responsive website for C'Groovy, a music streaming service, ensuring a seamless user experience across desktop, tablet, and mobile devices.
- Created five main pages (Home, About Us, Song Collection, Song's Detail, Register) with a responsive design using HTML, CSS, and JavaScript.
- Designed the Song Collection Page to categorize and display songs by genre (Pop, R&B, K-Pop), including song name, artist, and description.

AldoKost: Digital Solution for Kos Management UI/UX Advanced Business Application Development Project
- Designed and developed a mobile application for AldoKost, a room rental service, to automate and streamline key business processes such as room reservation, payment, and facility management.
- Created Entity Relationship Diagrams (ERD) to model the relationships between tenants, rooms, payments, and service requests within the application.
- Developed System Sequence Diagrams (SSD) to illustrate the flow of user interactions with the system, including registration, room booking, and payment processing.
- Designed Use Case Diagrams and Activity Diagrams to map out the application's functionality and business process flows.
- Created a Data Dictionary for defining the data elements and attributes used throughout the application.
- Create a user-friendly interface for the application, integrating features such as room reservations, payment tracking, service requests, and security features like face recognition for room access.
- Collaborated with a cross-functional team to ensure that the application met all business requirements and aligned with AldoKost's vision of improving tenant satisfaction and business operations.

"CiNelma" Java Project
- Developed a ticket reservation system using Java Eclipse IDE, allowing both users and staff to interact with the platform for movie reservations.
- Developed user and admin functionalities where users can view available movies, check showtimes, and purchase tickets. And allowing admin to create and manage new movies, schedules and details
- Utilized Object-Oriented Programming (OOP) principles, including classes, inheritance, and polymorphism, to design a scalable and maintainable system architecture.

ORGANIZATION EXPERIENCES

Activist - Human Resources Development, HIMSISFO BINUS University   2023 – 2024
- Contributed to the development and implementation of human resources programs aimed at enhancing student involvement and engagement within the university's IT community.
- Assisted in organizing events and training sessions that fostered collaboration and professional growth among members.

VOLUNTEERS

- **Teach for Indonesia Sidewalk Painting**

Participated in a community-driven sidewalk painting project, contributing to the beautification of public spaces.

SKILLS

- **Web Development:** HTML, CSS, and JavaScript.
- **UI/UX Design:** Figma, User Interface & User Experience Design, Prototyping, Wireframing
- **System Analysis and Design:** Entity Relationship Diagram (ERD), System Sequence Diagrams (SSD), Use Case Diagrams, Data Dictionary
- **Database Management:** SQL, Data Modeling.
- **Project Management:** Agile Methodology, Task Coordination, Deadline Management.
- **Software:** Microsoft Excel (Pivot Tables, Data Cleaning, Financial Analysis), Visual Paradigm, draw.io, Visio.
- **Teamwork:** Experience working in cross-functional teams to achieve common goals.
- **Communication:** Strong verbal and written communication skills, especially in collaboration and mentoring roles.
- **Adaptability:** Comfortable adjusting to new challenges and environments, especially in dynamic and fast-paced projects.
- **Time Management:** Prioritizing tasks to ensure deadlines are met while maintaining high-quality output.