SEPTIA DWI HANDAYANI

Software Engineer

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INTRODUCTION

Freshgraduate from Jakarta State University, Informatics and Computer Engineering Education. Enthusiastic with extracting meaningful insight from data and software development. Equipped with a solid foundation in SQL and programming languages such as PHP and Javascript. Possess strong capabilities in leadership, communication, teamwork, attention to detail, and rapid adaptation to new concepts. Throughout my academic tenure, I engaged in website creation endeavors, encompassing tasks such as formulating UML diagrams, crafting user interfaces, and configuring system settings.

INTERSHIP EXPERIENCE

PERPUSTAKAAN NASIONAL REPUBLIK INDONESIA   **Jakarta, Indonesia**
Junior Software Engineer   **Jan 2022 - Feb 2022**

- Collaborated with the development team to design DSpace as content repository, focusing on improving accessibility.
- Conducted thorough analysis of existing features and functionalities for optimization and enhancement to ensure efficient content management and retrieval.
- Played a significant role in the development process, implementing new features and functionalities within the DSpace system, thereby contributing to its overall capability and usability.
- Worked closely with the team to identify and troubleshoot technical issues, ensuring a smooth and error-free operation of the content repository.
- Participated in brainstorming sessions and discussions to provide innovative ideas for future improvements and expansions of the DSpace system.
- Assisted in creating comprehensive documentation for both users and developers, facilitating knowledge sharing and efficient onboarding.

ORGANIZATIONAL EXPERIENCE

BADAN PERWAKILAN MAHASISWA FAKULTAS TEKNIK   **Jakarta, Indonesia**
Staff Aspiration   **March 2021 – Nov 2022**

- Led the process of crafting effective questionnaires, collaborating closely with stakeholders to understand work program objectives and target audience.
- Coordinated with cross-functional teams to establish a well-defined timeline for questionnaire distribution and data collection.
- Employed survey platforms and tools to create and distribute digital questionnaires, enhancing the efficiency of data collection and minimizing manual errors.
- Analyzed collected data using statistical methods and data visualization tools, deriving meaningful insights and patterns. These insights were instrumental in making informed decisions of assesment and improvement on work program.
- Prepared comprehensive reports and presentations that communicated the survey findings effectively to Badan Eksekutif Mahasiswa Fakultas Teknik, facilitating evidence-based decision-making.

- Collaborated with team members to identify areas for questionnaire improvement based on feedback and analysis, ensuring continuous enhancement of survey quality and outcomes.

PROJECT

Pengembangan Sistem Informasi Perpustakaan Berbasis Web Dengan Menggunakan SLiMS 9 (Bulian) Dan Whatsapp Gateway Di SMK Negeri 40 Jakarta	**Ja karta, Indonesia**
Project Skripsi	**Oct 2022 - July 2023**

- Collaborated closely with library staff and stakeholders to gather requirements, ensuring a thorough understanding of the desired functionalities and workflows.
- Utilized PHP, HTML, CSS, and JavaScript to extend the functionality of SLiMS 9 Bulian, implementing features tailored to the library's requirements. Supplemental functionalities can be integrated through the inclusion of a notification feature via WhatsApp.
- Customized the user interface of the application to align with the library's branding and provide an intuitive experience for library staff and patrons.
- Collaborated with the SLiMS community to troubleshoot technical issues and contribute to discussions regarding application enhancements and best practices.
- Conducted thorough testing to ensure the stability and reliability of the custom module, addressing any bugs or inconsistencies identified during the testing phase.
- Created user documentation and conducted training sessions for library staff, empowering them to effectively utilize the new module and streamline their workflows.
- Successfully deployed the customized SLiMS 9 Bulian application module, delivering a tailored solution that enhanced the library's operations and user engagement.

EDUCATION

STATE JAKARTA UNIVERSITY	**Jakarta, Indonesia**
Bachelor of Informatics and Engineering Student, Faculty of EnginEering (IPK: 3.77/4.00)	**2019-2023**

ADDITIONAL INFORMATION

- Software Skills: Microsoft Office, Figma, Visual Studio Code
- Technical Skills: HTML/CSS, PHP, MySQL, Javascript
- Languages: Indonesia, English
- Certifications: Fundamental Front-End Web Development (2023)