YUDHITYA M. RENANDRA

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Pekanbaru, Riau

Yudhitya is a driven third-year Informatics Engineering student with a deep passion for continuous learning and professional growth. He brings hands-on experience in full-stack development, adeptly utilizing technologies such as React JS, Next JS, Node JS, Express JS, and Laravel to build dynamic and robust web applications. Yudhitya thrives in collaborative team environments and is eager to contribute his strong technical skills and innovative mindset to impactful projects. His dedication to learning and teamwork positions him as a valuable asset ready to drive success in any web development initiative.

Work Experiences

Badan Pusat Statistik - Pekanbaru   Feb 2024 - Present
Internship
Badan Pusat Statistik is the official government agency responsible for conducting statistical surveys and providing statistical data in Indonesia

- Developed and designed an interactive IT inventory website using Laravel and React.js used by 70+ employees.
- Successfully presented the project to a team of 10+ employees, demonstrating key features and benefits.
- Documented the development process and created a user manual of 10+ pages to assist future maintenance and updates.

Riau University - Pekanbaru   Feb 2024 - Present
Teaching Assistant of Web Design and Programming

- Assisted in teaching Web Design and Programming courses, providing support to students in understanding HTML, CSS, JavaScript, PHP, and Laravel.
- Facilitated hands-on coding exercises and provided personalized feedback to 30+ students to enhance their understanding and skills.
- Actively participated in student mentoring sessions, addressing questions and providing guidance on assignments and projects.

Riau University - Pekanbaru   Feb 2024 - Present
Teaching Assistant of Data Strutures and Algorithms

- Supported faculty in teaching Data Structures and Algorithms courses, providing assistance to students in understanding complex concepts and implementations in C++.
- Developed supplementary learning materials, including coding examples and practice problems, to enhance student understanding and proficiency in C++ programming.
- Conducted review sessions and problem-solving workshops to reinforce theoretical knowledge and practical application.

Bank Indonesia - Jakarta, Indonesia   Aug 2023 - Dec 2023
Internship
Bank Indonesia is the Central Bank of the Republic of Indonesia, with the goal of achieving and maintaining the stability of the rupiah's value.

- Contributed to the development of a dashboard application using Microsoft Power Apps, enhancing operational efficiency for 50+ employees.
- Engaged in various organizational events at the uker (Unit Kerja), satker (Satuan Kerja), and regional levels, interacting with over 100 participants to gain insights into the central bank's operations and policies.
- Assisted in data analysis and reporting tasks to support decision-making processes within the organization.

Education Level

Riau University - Pekanbaru, Indonesia   Aug 2021 - Mar 2025 (Expected)
Bachelor Degree in Informatics Engineering, 3.68/4.00

- Participating in the MSIB program in the even semester of 2023/2024 at Badan Pusat Statistik.
- Participating in the MSIB program in the odd semester of 2023/2024 at Bank Indonesia.
- Presented as a speaker at the MSIB program socialization with an audience of over 100 participants.
- Actively participated in the Engineering Robotics Club University of Riau, as a member of the Research Department.

SMA Negeri Pintar - Kuantan Singingi, Riau   Jul 2018 - Apr 2021
Senior High School in MIPA

- Participating in the 2020 Provincial-level National Science Olympiad competition in Computer/Informatics.
- Participating in the 2019 Regency-level National Science Olympiad competition in Computer/Informatics.
- Actively participated in the Student Council Organization (OSIS) as the Head of the Public Relations Department for the 2019-2020 term.

Organizational Experience

Engineering Robotics Club UNRI - Pekanbaru, Indonesia   Mar 2023 - Present

Member of the Research Department

- Staying updated with the latest advancements in robotics by closely monitoring scientific publications, attending conferences, and participating in technical workshops.
- Developing robots through rigorous experimentation, collaboration, and innovation.

Google Developer Students Club - Pekanbaru   Dec 2021 - Jun 2022

Hacker Member

Google Developer Student Clubs are university based community groups for students interested in Google developer technologies.

- Engaged as a Hacker Member in the Google Developer Students Club, a university-based community group fostering student interest in Google developer technologies.
- Actively participated in workshops and training sessions covering various technologies, including web development, mobile applications, and cloud computing.
- Developed leadership and project management skills through collaborative projects and team-based activities within the club.

Skills & Projects

- **Soft Skills**: Problem Solving, Communication, Time Management, Collaboration, Adaptability
- **Hard Skills**: React JS, Next JS, Node JS, Express JS, Laravel, MySQL, MongoDB, Adobe Photoshop, Adobe Illustrator
- **Projects** (2024): Renaisis - Developed a dynamic project dashboard using Next.js and React.js, integrating real-time data visualization and management features. Collaborated with stakeholders to gather requirements, ensuring a user-friendly interface.
- **Projects** (2024): Designed and developed an inventory system on Badan Pusat Statistik using Laravel and React.js, optimizing inventory management processes for enhanced efficiency.