DIMAS ANDHIKA FIRMANSYAH

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SUMMARY

Undergraduate Information and Computer Engineering Education Program at Semarang State University, my academic field is centered on a combination of education, science and technology. With a proven history of organizational engagement, I am driven to take on an impactful role where I can leverage my Software engineering skills to solve complex technical dilemmas. Proficient in applying frameworks to optimize processes, my commitment lies in delivering real results through innovative solutions.

WORK EXPERIENCE

Electrical Engineering Laboratory Assistant   **Jan 2024 - Present**

- Develop a practical laboratory learning concept for the second semester of the 2024 academic year, incorporating principles of electrical engineering.
- Execute experiments meticulously, adhering to instructions from researchers or senior laboratory personnel, ensuring accuracy and precision in data collection.
- Deliver 3-hour practical lab sessions weekly for the 2023 cohort of Computer Engineering students, emphasizing hands-on experience and application of theoretical knowledge.
- Consolidate and meticulously document student grades on a weekly basis, synthesizing them into detailed progress reports to inform further instructional strategies and student development

EDUCATION

Semarang State University   **Aug 2021 - Present**
 Informatics and Computer Engineering Education

COURSE EXPERIENCE

Microsoft Web & Mobile Developer   **Jan 2024 - Present**
 PT MariBelajar Indonesia Cerdas

- Structured thinking in business processes
- Basics of IT projects and project management governance
- Building business solutions with Microsoft Power Platform (web and mobile)
- Web development and cloud computing deployment
- Designing and implementing business solutions for specific problems

Akademi Full Stack Web Developer   **Aug 2023 - Dec 2023**
 PT Nurul Fikri Cipta Inovasi

- Create websites using HTML, CSS, Bootstrap
- Implement UI/UX design
- Develop algorithms with JavaScript
- Design and manage SQL databases with MySQL/MariaDB
- Organize PHP code effectively
- Build web applications with Laravel
- Use Git and GitHub for development
- Design web applications using Restful APIs

PUBLICATION

Dimas Andhika Firmansyah, Ahmad Fashiha Hastawan, & Djuniadi Djuniadi. (2023). ANALISIS PERBANDINGAN KOMPRESI CITRA PADA BEBERAPA MEDIA SOSIAL. *Jurnal Khatulistiwa Informatika*, 11(2), 135-140.

PROJECT

OrgEnroll   **Oct 2023 - Dec 2023**

- OrgEnroll (Organization Enrollment System) is a web-based organizational registration system on campus aimed at simplifying and increasing the efficiency of administrative processes.
- This website was created to fulfill the final project of the MSIB program at NF Computer.

Targetku   **Feb 2023 - Jun 2023**

- Targetku is a web-based target piggy bank application that can display recaps in table or graphic form. This project was created to fulfill the final assignment of a software engineering course.

ORGANIZATION EXPERIENCE

Event Organizers   **Aug 2023 - Present**

Google Developer Student Club UNNES
- Designing events to be held by GDSC UNNES
- Guide study jam events for GDSC UNNES members
- Collaborating on events with Dicoding

UNNES Pemalang Student Association   **Aug 2023 - Present**

Department of Talent Interest and Creative Economy
- Identify potential or talents related to the areas of interest and creativity of UNNES students from Pemalang
- Plan, organize and manage training and development programs to help talents develop further in the areas of interest of UNNES students from Pemalang.

Expert Staff for Information Technology Development   **Jan 2022 - Dec 2022**

Science and Technology Engineering Student Activity Unit
- Conduct training related to information technology software
- Served as a committee member for one of UKM Riptek's big competition events, namely Technoday
- Became chairman of the committee for one of the event socialization activities, namely the Gemastik Workshop in collaboration with I-Scret

VOLUNTEER EXPERIENCE

Public Relationship   **Sept 2023 - Oct 2023**

Electrical Campus Observation 2023
- Managing internal and external communications.
- Disseminating event information to new students.
- Building relationships with media and external parties for event promotion.

ADDITIONAL INFORMATION

- **Technical Skills:** HTML, CSS, JavaScript, Bootstrap, PHP, MySql, Laravel, Git, Github, Visual Studio Code, MariaDB
- **Interpersonal Skills** : Communication, Public Speaking, Leadership, Team Work, Critical Thingking
- **Languages:** Indonesian, English