

WAHYU NATA MAHENDRA

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Since 2020, I have been immersed in programming and continue to expand my knowledge while attending college in 2021. I am interested in software engineering and data science, focusing on design, clean code, frameworks, the latest technologies, and databases. My interest in front-end development is evident through my participation as a front-end developer in HackFest 2024 by Google Developer Student Clubs and various other projects. These experiences equipped me with strong technical skills and adaptability to new technologies.

Education

Telkom University - Jl. Telekomunikasi. 1, Terusan Buahbatu - Bojongsoang,
Telkom University, Sukapura, Kec. Dayeuhkolot, Kabupaten Bandung, Jawa Barat
40257

Sep 2021 -

Undergraduate in Informatics Engineering, 3.84/4.00

- Learned web development and implementation of web page design to code using HTML, CSS, JavaScript, and several frameworks such as React.js and Bootstrap.
- Learned programming languages such as Python, GO, C++, C, PHP, and Java.
- Learned database management with MySQL, SQL, and Oracle.
- Used Git and GitHub for various projects.
- Learned methods in machine learning such as GRU, CNN, Random Forest, KNN, and Naive Bayes.
- Completed several projects such as Jelajah Web App, redesigned the Learning Management System of Telkom University, and solved problems with code in various programming languages such as C++, Python, Socket programming, and Java.

Experiences

Google Developer Student Clubs Telkom University - Bandung

Dec 2023 - Present

Member

Google Developer Student Clubs is community groups for students interested in Google developer technologies. GDSC bridges the gap between theory and practice for student developer. Create supportive community system in university to empowering students with collaboration and contribution to create impact for everyone.

- Participated in coding sessions and hackathons to solve real-world problems using Google technologies and other programming tools.
- Developed and contributed to open-source projects, enhancing skills in collaboration, version control, and software development.
- Attended webinars and sessions led by industry professionals to gain insights into the latest trends and advancements in technology.

Informatics Lab Telkom University - Bandung

Feb 2024 - Jun 2024

Computer Network Practicum Asssitant

Laboratories that have an important role in helping students to understand the theory of a course in class, and practiced in the laboratory.

- Taught students about the implementation of computer network material in the classroom
- Helped students learn to use the Python programming language and Wireshark tools.
- Mentored students in completing the final project in the computer network course.
- Provided technical support and troubleshooting assistance during lab sessions.

HackFest 2024 - Bandung

Dec 2023 - Jan 2024

Hacker

HackFest Indonesia is a national hackathon by GDSC Indonesia where university students from across the country develop impactful software or hardware based on the UN's 17 SDGs.

- Collaborated with a diverse team to brainstorm, design, and implement a functional prototype within the hackathon timeframe.
- Utilized programming languages and frameworks such as HTML, CSS, JavaScript, React.js, and others to build the project.
- Gained hands-on experience in rapid prototyping, teamwork, and problem-solving under tight deadlines.
- Conducted research to identify relevant problems and propose effective technological solutions.

Badan Perwakilan Mahasiswa HIMA IF - Bandung

Oct 2023 - Jun 2024

Internship at the Supervisory Commission

Badan Perwakilan Mahasiswa (BPM) is an organization that represents all Telkom University Informatics undergraduate students and supervises the performance of the Badan Pengurus Harian (BPH) HIMA IF Telkom University.

- Held a work program design meeting with BPH HIMA IF.
- Supervised the implementation of the BPH HIMA IF work program.
- Held a limited meeting with BPH HIMA IF.
- Assessed the performance of BPH HIMA IF.

Begawi Adat - Bandung

Jun 2023 - Nov 2023

Head of Sponsors Division

Lampung cultural performance event at Telkom University.

- Organized the sponsorship division.
- Created a timeline using the project manager such as Trello.
- Designed a business scheme to raise funds.
- Created list of companies with Microsoft Excel and Spreadsheet.
- Worked with companies to make the event a success.

FORTTRAN HIMA IF 2023 - Bandung

May 2023 - Nov 2023

The Staff of Supervisory

Student regeneration event of Faculty of Informatics 2022 Telkom University Bandung organized by Informatics Student Association.

- Guided new students through orientation activities and academic induction processes.
- Organized and led group mentoring sessions to support new students' adaptation to university life.
- Provided academic and personal support to mentees, helping them navigate their first year.
- Monitored and evaluated the progress of mentees, offering feedback and assistance as needed.
- Created a welcoming and inclusive environment for all new students.

Permala - Bandung

Apr 2023 - Nov 2023

Staff of Welfare Department Member

A student association from Lampung at Telkom University.

- Coordinated events to improve member well-being, including health seminars and social gatherings.
- Collaborated with other departments for a holistic approach to member welfare.
- Implemented programs to foster community and belonging.

Badan Eksekutif Mahasiswa KEMA Telkom University - Bandung

Mar 2023 - Oct 2023

The Staff of Research and Technology

University-level student organization body at Telkom University.

- Conducted research on labs at Telkom University.
- Held lab talks with labs at Telkom University.
- Organized seminars on technology for the general public.
- Participated in a comparative study to the laboratory at Bandung State Polytechnic.

Mulang Tiyuh - Lampung

Dec 2022 - Feb 2023

The Staff of Sponsors Division

An event to promote and introduce Telkom University in high schools in Lampung province.

- Collaborated with various companies and startups to fund the Mulang Tiyuh event.
- Visited and conducted outreach to various senior high schools in Lampung province, held online tryouts, seminars, and competitions in the field of e-sports.

Interfest - Bandung

Sep 2022 - Dec 2022

The Staff of Sponsors Division

The music concert festival invited guest stars, and held a food bazaar at Telkom University.

- Was in charge of and managed tenant rental data at the interfest event.
- Worked with various large companies, one of which was Bank Mandiri, to make this event a success.

Skills, Achievements & Other Experience

- **Soft Skills:** Leadership, Problem-Solving, Critical Thinking, Adaptation, Time Management, Team Works, Public Speaking
- **Hard Skills:** HTML5, CSS3, JavaScript, React.js, Bootstrap, Git, Github, MySQL, Oracle, SQL, Git, Python, Golang , C++/C, Java, PHP, Machine Learning
- **Interest:** Web Development, Data Science
- **Language:** English, Indonesian