

VERGIAWAN ZHAKI RASENDRIA

FRONTEND DEVELOPER

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SUMMARY

I am an enthusiastic, creative and detail-oriented 20 years old who interested in Front-End Development with a strong foundation in building responsive, user-friendly web applications. Proficient in HTML, CSS, JavaScript, and also interested in modern frameworks such as React, Vue, or Angular. Skilled at translating UI/UX designs into clean and efficient code, optimizing performance, and ensuring cross-browser compatibility. Experienced in working within agile teams and collaborating with designers and back-end developers to deliver seamless digital experiences. Passionate about web standards, accessibility, and continuous learning to stay updated with evolving front-end technologies.

PROJECTS

Capstone Project, Development of Variant Calling Pipeline for IPB ISNIP Website

Feb 2025 - July 2025

- Participated in creating processing raw sequencing data through quality control and alignment to a reference genome and aligns raw sequencing FASTQ files to a reference genome, processes the resulting BAMs (sorting, duplicate marking), and performs joint variant calling across samples.
- Participated also in creating simple but fully optimized front-end design for the website in the project.
- Links: [Documentation](#).

Data Communication and Computer Networks, Easy!Appointments

Sept 2024 - Oct 2024

- Collaborated with the team to develop a web-based appointment booking system for efficient user and admin interaction. Contributed also in the database structure, managing tables for users, appointments, services, and admin roles.
- Conducted testing and debugging to identify and fix issues, ensuring system reliability and performance, also helped with writing documentation, including setup instructions and usage guidelines for end users and future developers.
- Links: [Documentation](#).

ORGANIZATION/WORK EXPERIENCES

IPB Computer Science Student Association, Treasurer of the Education Division

Feb 2024 - Dec 2024

- Collaborated with the division head and program coordinators to create detailed budgets for educational events like workshops, study sessions, and training programs and also ensured that all financial plans aligned with our educational goals and were realistic based on available funding.
- Monitored and recorded all financial transactions, including incoming funds (sponsorships, association support) and outgoing expenses (materials, speaker fees, logistics). I ensured that funds were used efficiently and stayed within budget limits.
- Links: [Certificate](#).

Agriinformatics IPB, General Treasurer**April 2024 - Nov 2024**

- Managed overall financial planning and budgeting, ensured each division received appropriate funding, and maintained financial sustainability across all organizational activities in alignment with set goals.
- Maintained accurate and transparent financial records by tracking all income, expenditures, and reimbursements, ensuring that every transaction was well-documented, accountable, and that funds were distributed efficiently and on time.
- Links: [Certificate](#).

EDUCATION**Computer Science****July 2022 - Present**

IPB University

- This major prepares students to have skills in logic, computational mathematics and computer-related matters, such as software, databases, and programming.
- Related Courses: Systems Analysis and Design, Information Systems, User Experience Design, Software Engineering, Programming, Databases, Computational Thinking, Algorithms and Programming Fundamentals

Science Department**August 2019 - May 2022**

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- This department prepares students to have abilities in mathematics and natural sciences, such as physics, chemistry, and biology.
- Already have an interest in computers and have participated in several computer competitions, especially at the district level.

SKILLS

- **Languages:** Bahasa Indonesia, English.
- **Soft Skills:** Communication, Problem Solving, Time Management, Teamwork, Project Management, Initiative.
- **Technical / Hard Skills:** HTML, CSS, Javascript, React, C, C++, Python, Microsoft Office (Word, Excel, Powerpoint), Google Workspace (Docs, Sheets, Slides, Form, Sites, etc), Canva, Figma, CapCut.