



ALIF BIMA MAHENDRA

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Sleman, Yogyakarta

I am an Information Systems student at UPN “Veteran” Yogyakarta with a deep interest in web development, data analytics, and geographic information systems. My academic and project experiences have strengthened my analytical thinking and research skills, including work with Laravel-based systems, survey data processing using SPSS and R Studio, and spatial analysis through QGIS. I aspire to pursue a career in software development and data-driven research. With strong problem-solving, collaboration, and adaptability skills, I am eager to contribute to research initiatives and continuous learning within a professional and academic environment.

Work Experiences

UPN "VETERAN" YOGYAKARTA - Sleman, Indonesia <i>Laboratory Assistant</i> <ul style="list-style-type: none">Supervised and guided students during practical sessions, ensuring proper understanding of technical concepts.Evaluated and graded over 50 student reports and assignments throughout the semester.Helped develop and revise laboratory modules to improve learning quality and experiment accuracy.	Feb 2024 - Present
UPN "VETERAN" YOGYAKARTA - Sleman, Indonesia <i>Teaching Assistant</i> <ul style="list-style-type: none">Supported lecturers in delivering theoretical classes for more than 40 students per semester.Assisted in preparing lecture materials and facilitating classroom discussions to enhance student engagement.Collaborated with lecturers on small-scale research projects related to course development.	Feb 2025 - Present
PSEKUIIN (Center for Economic, Financial, and Digital Industry Studies) - Sleman, Indonesia <i>Research Assistant</i> <ul style="list-style-type: none">Assisted senior researchers in data collection, analysis, and report preparation for regional and national research projects.Conducted literature reviews and helped process both quantitative and qualitative data.Supported drafting and presentation of research findings for academic and policy purposes.Collaborated with research teams to ensure accuracy and consistency in data management.Participated in the following research projects:<ul style="list-style-type: none">Analysis of Champion Development and Downstreaming of Chili Commodity in Central Java 2025Impact of the Nutritious Lunch Program in Yogyakarta on Economic Performance, Inflation Stability, and EmploymentMapping Study of Potential and Leading Tourism Development in the Mataraman Region	Jun 2025 - Present

Education

Universitas Pembangunan Nasional Veteran Yogyakarta - Sleman, Indonesia <i>Bachelor of Information System, 3.82/4.00</i> <ul style="list-style-type: none">Focused on information systems analysis, database management, and digital business process optimization.Actively engaged in academic and research activities within the Department of Information Systems.Roles and involvement:<ul style="list-style-type: none">Laboratory Assistant – Supported practical classes in programming, database, and business process management courses.Teaching Assistant – Assisted lecturers in class preparation, grading, and facilitating student discussions.Research Assistant – Contributed to projects under PSEKUIIN (Center for Economic, Financial, and Digital Industry Studies), including studies on regional economic development, digitalization, and tourism potential mapping.	Aug 2023 - Nov 2026 (Expected)
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Organizational Experience

Donor Darah FTI 2024 - Sleman, Indonesia <i>Health Staff</i> <ul style="list-style-type: none">Coordinated medical checks and ensured proper health documentation for over 100 blood donors.Supported logistics and post-donation care to maintain participant safety and comfort.Collaborated with the organizing team to ensure smooth event operations and timely execution.	Apr 2024 - May 2024
PKK SI 2024 - Sleman, Indonesia <i>Deputy Coordinator of Health Division</i> <ul style="list-style-type: none">Led a team of 10 members in planning and executing student health programs during the orientation period.Oversaw implementation and evaluation of division activities to ensure alignment with event objectives.	Sep 2024 - Nov 2024

- Contributed to the preparation of the division's final report and activity documentation.

CODE 124 (Web Information Systems Community) - Sleman, Indonesia

Aug 2024 - Feb 2025

Back-End Developer Staff

- Developed and maintained the back-end system of the community's internal web project using Laravel.
- Collaborated with front-end developers to ensure efficient integration and data management.
- Improved database efficiency and API performance, resulting in a 20% faster system response.

CODE 124 (Web Information Systems Community)

Mar 2025 - Present

Mentor

- Mentored and guided junior members in learning and applying back-end development using Laravel and MySQL.
- Provided technical assistance and code reviews to improve members' understanding of software architecture and clean coding practices.
- Collaborated with the core team to design and develop internal web projects, ensuring maintainable and scalable systems.
- Conducted weekly mentoring sessions to enhance members' skills in web development and project collaboration.

Kemampuan, Penghargaan, dan Kompetisi

- **Projects** (2024): User Satisfaction Analysis of BIMA UPNVY Using the DeLone and McLean Model
- **Projects** (2024): Medicine Management System for DESAMA Clinic
- **Projects** (2025): Spatial Analysis of Healthcare Facility Accessibility from Trans Jogja Bus Stops in Yogyakarta City
- **Projects** (2025): BarBim+ (Online Psychological Test Website)
- **Achievements** 🏆 (2025): Junior Web Developer (BNSP)
- **Software** (2025): Microsoft Office (Word, Excel, PowerPoint); UI/UX Design (Canva, Figma); Programming (C++, PHP, JavaScript, Python, Java, R) using Visual Studio Code; Data Analysis with SPSS
- **Languages** (2025): Languages: Indonesian (Native), English (Intermediate)