WAHYU KELVIN SIHITE

IT Business & System Analyst | Project Manager | Data Visualization | Software Testing
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Information Systems graduate from Universitas Atma Jaya Yogyakarta with experience across business and technology. Experienced in business & system analysis, system development, project management, quality assurance, and data visualization to support process efficiency and organizational needs. Interested in developing technology solutions aligned with business requirements and operational processes.

EDUCATION

UNIVERSITAS ATMA JAYA YOGYAKARTA 2022 - 2026
Bachelor of Information Systems | GPA: 3.69 / 4.00

- **Courses:** Business Process Modeling, Interaction Design Analysis, Strategic Management, Information Systems Basics, Business Analysis and Modeling, Database Systems, Risk Management, System Requirements Engineering, Information Technology Service Management, Change and Innovation Management, Information Systems Project Management, Information Systems Security, Information Systems Strategic Planning, Software Testing and Quality Assurance, Business Intelligence and Information Systems Economics, Social Media Analytics, Supply Chain Management, and Information Systems Analysis and Design Project.
- **Thesis:** Evaluating the Service Quality of Indonesia's National Archival Information System (SIKN) using the PIECES Framework and Importance Performance Analysis (Grade A-).

WORK & INTERNSHIP EXPERIENCE

Web Developer Intern Sep 2025 - Feb 2026
Dinas Perpustakaan dan Kearsipan Kota Yogyakarta | Yogyakarta, Indonesia

- Developed SIMARSITA (Yogyakarta City Digital Archive Management Information System), a multi-tenant web platform used by 50 government agencies in Yogyakarta and accessed by 70+ admin users, to support transparent and accountable governance.
- Designed the multi-tenant system architecture, database structure (ERD), and use case documentation.
- Implemented frontend and backend features, including an admin panel and role-based access control (admin, member, and contributor).
- Built report export features for active, inactive, and vital archives.
- Applied system security controls, including strict authorization, manual account approval, rate limiting, brute force protection, and secure session management.
- Refined the system iteratively through testing, debugging, and three formal project presentations.

Student Staff Promotion Division Mar 2023 - Aug 2026
Partnership and Promotion Office | Yogyakarta, Indonesia

- Actively promoted Universitas Atma Jaya Yogyakarta by opening and presenting at 15+ university expo booths across high schools throughout Indonesia, contributing to student recruitment efforts that resulted in 100+ new student enrollments.
- Developed creative content for TikTok and Instagram, contributing to the organic growth of 5,000+ followers on UAJY's official admissions account within 12 months.
- Assisted promotion staff in making a business strategy for university admissions based on the database with Google Spreadsheet and Excel toachieve the target of 3000+ new undergraduate students every year.
- Utilized graphic design, video editing with Adobe Premiere Pro, OBS Studio for live streaming, and creative content production to support digital promotional campaigns and online events.

PROJECT

SIMARSITA - ***Yogyakarta City Digital Archive Management Information System*** Sep 2025 - Feb 2026
System Analyst & Full Stack Developer | Dinas Perpustakaan dan Kearsipan Kota Yogyakarta
Tech Stack: Next.js • Java Script • Prisma • Neon • Vercel • Draw.io

- Built a multi tenant digital archive platform serving 50 government agencies in Yogyakarta, with 70+ admin users managing archives across their organizations.
- Designed the system architecture, ERD, and use cases, including three user roles (admin, member, and contributor) with role-based access control.
- Developed the admin panel, archive management features, and report exports for active, inactive, and vital archives.
- Implemented security controls: strict authorization, manual account approval, rate limiting, brute-force protection, and secure session management.
- Validated and improved the system through testing, debugging, and three formal project presentations.

ACHIEVEMENT (File)

UAJY Ambassador Mar 2023 - Aug 2026
Best Presenter KONSTELASI 2024 National Seminar Mei 2024

CERTIFICATION (File)

- Certified Secure Computer User V2 (C/SCU) | EC Council (Jun 2023)
- Information Security Management Systems - ISO/IEC 27001:2013 | CBQA Global (Jan 2024)
- Primavera P6 Professional Project | Oracle (Sep 2024)
- Tableau Fundamentals | Tableau eLearning (Dec 2024)

SKILLS & EXPERTISE

Technical Skills

- *Business & System Analysis*: Requirements Analysis, Business Process Modeling (BPMN), Use Case, ERD, Project Documentation, Risk & Change Management
- *Software Development*: JavaScript, Next.js, React JS, REST based Web Application, UI/UX Design (Wireframe, Prototype)
- *Quality Assurance & Testing*: Katalon Studio, Cypress, System Testing, Debugging
- *Data Analytics & Visualization*: Tableau, Orange Data Mining, Microsoft Excel, Google Spreadsheet
- *IT Project Management*: Oracle Primavera P6, Microsoft Project, Work Breakdown Structure (WBS), Project Scheduling
- *Information Security*: ISO/IEC 27001:2013, Secure Computing (C|SCU), Role Based Access Control
- *Digital Marketing & Creative*: Social Media Management, Copywriting, Graphic Design, Video Editing, Live Streaming

Tools

- *Design & Multimedia*: Figma, Adobe Photoshop, Premiere Pro, After Effects, CorelDRAW, Canva, CapCut, OBS Studio
- *Development*: Visual Studio Code, GitHub, phpMyAdmin, Vercel, Neon, Draw.io
- *Collaboration*: Microsoft Office, Trello, Notion

Soft Skills

- *Communication & Leadership*: Public Speaking, Stakeholder Presentation, Cross Team Coordination, Event Organizing
- *Languages*: Bahasa Indonesia, English

ORGANIZATIONAL AND COMMITTEE EXPERIENCE

Publication and IT Coordinator Okt 2022 - Okt 2024
Himpunan Mahasiswa Sistem Informasi (HIMSI) | Yogyakarta, Indonesia

- Actively contributed to developing IT driven organizational strategies to support program efficiency and innovation.
- Developed visual concepts and digital campaign materials for organizational events through creative design approaches.
- Demonstrated strong critical thinking and problem solving skills throughout team discussions and decision-making processes.
- Organized Innovation Week (IWEEK), a national scale event featuring Business Plan, Mobile Legends, and Front-End Web Development competitions.
- Served as a creative team member for ORASI Podcast (Information Systems Student Conversations), contributing to content planning, audio production, and digital distribution across multiple podcast platforms.

Member of Cultural Preservation Nov 2022 - Jul 2024
Komunitas Mahasiswa Batak UAJY | Yogyakarta, Indonesia

- Actively participate in cultural preservation and student community activities on campus.

Publication and Documentation Coordinator Mar 2025 - Aug 2025
Kuliah Kerja Nyata | Yogyakarta, Indonesia

- Executed 10 individual projects and 5 group projects
- Produced publicity materials and documentation during the KKN (Community Service Program) in Klepu I