ALEXANDER AUDRIC JOHANSYAH

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SUMMARY

Information Systems student at Universitas Indonesia with a strong interest in web development and project management. Experienced as a teaching assistant and actively involved in COMPFEST as a division PIC and staff in Editorial Marketing. Passionate about learning, building, and collaborating on tech-driven solutions that address real-world challenges.

SKILLS

- **Technical**: Python, Java, PHP, Flutter, Git, Django, Laravel, Spring Boot, Google Cloud Platform, Docker, PostgreSQL, CSS, HTML, Tailwind CSS, Bootstrap, Tableau, Power BI, Microsoft Office, Google Workspace.
- **Core**: Attention to detail, critical thinking, time management, problem decomposition, communication skills, teamwork.
- **Languages**: Indonesian (Native), English (Professional Working Proficiency)
- **Certifications**: Fundamentals of Digital Marketing (Google), Project Management (Saylor Academy)

EXPERIENCE

Teaching Assistant for Information Systems Development Project   Jan 2026 – Now
University of Indonesia   *Depok*
- Mentored student teams in developing real-world information systems for external clients using Scrum and sprint-based development methodologies.
- Guided teams through requirement analysis, system design, and implementation, ensuring technical solutions aligned with client needs and professional standards.
- Facilitated Agile ceremonies and monitored projects to ensure adherence to strict sprint timelines, deliverables, and software development best practices.
- Conducted quality reviews of technical documentation and code, providing constructive feedback to maintain high-quality project outputs.

IT Application Developer Intern   Aug 2025 – Jan 2026
PT Toyoda Gosei Indonesia   *Karawang*
- Developed a Business Travel Permit system featuring a structured approval workflow, Role-Based Access Control (RBAC), and a monitoring dashboard to digitize manual processes.
- Engineered a Fire Extinguisher monitoring system with QR code tracking, interactive maps, image upload capabilities, RBAC, and a centralized dashboard for real-time inspections.
- Built responsive web interfaces using HTML, CSS, and jQuery and developed back-end services with PHP/Laravel, implementing CRUD functionality and business logic.
- Designed ERD diagrams and managed relational databases with MySQL, including query optimization while collaborating through Git version control to ensure smooth teamwork.
- Conducted application testing and debugging, resolving errors and improving performance through systematic problem-solving.
- Prepared technical documentation and user guides, and presented project outcomes to mentors and stakeholders.

Teaching Assistant for Information Systems Management   Jan 2025 – Jun 2025
University of Indonesia   *Depok*
- Assisted lecturers in delivering course material on information systems in organizations, IT infrastructure, and management concepts, helping students connect theory with real-world applications.
- Reviewed and evaluated individual and group assignments, providing constructive feedback to support students' learning progress.
- Supervised and proctored quizzes and examinations to ensure fairness and academic integrity.
- Guided and assisted students by responding to questions and offering academic support outside of class sessions.
- Facilitated communication between lecturers and students by relaying important announcements, deadlines, and academic updates.

EDUCATION

Bachelor of Information Systems   Aug 2022 – May 2026
University of Indonesia   *Depok*
GPA 3.76/4.00

Senior High School – Natural Sciences   Jul 2019 – Jun 2022
SMAK 1 BPK PENABUR Jakarta   *Jakarta Barat*

PROJECTS

Amerta
- Served as Scrum Master and Backend Developer in a team project to build an Enterprise Information System (EIS) for PT Amerta Sukses Manunggal.
- Designed and implemented CRUD-based modules for goods & services, purchase orders, and dashboards using Spring Boot (Java).
- Designed the relational database schema in PostgreSQL to support goods & services and purchase order modules, ensuring data integrity and efficient queries.
- Facilitated Agile workflows (sprint planning, daily stand-ups, retrospectives) and collaborated with teammates via Git.
- Deployed the system with a React.js frontend, hosted on Vercel and Google Cloud Run.

Marmut
- Designed and implemented the relational database schema in PostgreSQL to support playlists, songs, podcasts, and royalty tracking.
- Developed the frontend with Django (Python) and HTML/CSS, ensuring usability and alignment with project requirements.
- Built and integrated features such as podcast playback, podcast management, and chart display, including full CRUD operations to simulate real-world streaming functionality.
- Utilized Git for version control and collaboration, and applied debugging/testing to ensure functionality across modules..

Read & Brew
- Developed a cross-platform café application that integrates food & drink ordering with a curated digital library.
- Designed and implemented features for browsing menus, placing and paying for orders, as well as borrowing, returning, reading, and reviewing books.
- Took primary responsibility for building the ordering system and the book borrowing/returning workflows.
- Built with Django (Python) for the web version and Flutter (Dart) for the mobile version, ensuring a seamless user experience across platforms.
- Collaborated in a team environment using Git for version control and tested features for reliability across devices.

ApapMedika – Pharmacy System
- Developed a web-based pharmacy management system to streamline medicine, prescription, patient, and pharmacist operations.
- Designed and implemented CRUD-based modules for medicines, prescriptions, and stock management to ensure accurate tracking and efficiency.
- Created the relational database schema with PostgreSQL, supporting core business processes and maintaining data integrity.
- Built the backend using Spring Boot (Java) and integrated with PostgreSQL, ensuring scalability and reliability.
- Collaborated with the team using Git for version control and applied testing/debugging to deliver stable features.

Movie Logs
- Developed a personal movie logging web application using Spring Boot (Java) to help users track and explore films.
- Integrated the app with the TMDB API, enabling access to dynamic movie data such as top-rated, popular, now-playing, upcoming, and trending categories.
- Designed and implemented features for browsing movie details with PostgreSQL integration, ensuring an organized and user-friendly presentation of film information.
- Practiced API integration, backend development, and database handling while deploying on a local environment for testing and debugging.

LEADERSHIP ACTIVITIES

PIC of Editorial Marketing   **Jan 2024 – Dec 2024**
COMPFEST
University of Indonesia
- Managed a team to produce and publish marketing content to COMPFEST's official Medium blog in both English and Indonesian.
- Oversaw the editorial process from topic planning to proofreading and publishing, ensuring consistency and brand alignment.
- Proofread all submitted articles and contributed as a writer for selected pieces.
- Published over 15 articles, helping boost COMPFEST's online visibility and engagement.

Staff of Editorial Marketing   **Apr 2023 – Dec 2023**
COMPFEST
University of Indonesia

- Contributed articles to COMPFEST's official Medium blog in both Indonesian and English.
- Delivered high-quality, well-researched, and engaging content to support the event's digital presence.

Event Coordinator Staff   **Jan 2023 – Jan 2024**
KMK Fasilkom UI
University of Indonesia
- Assisted in planning and organizing events to foster community and strengthen relationships among KMK Fasilkom UI. members
- Collaborated with fellow committees to develop engaging event concepts and activities.