

GDE DIAN ADI JULIARTHA, S.KOM.

SOFTWARE ENGINEERING LEADER

Denpasar, Bali • adjuliartha@gmail.com • +62 889 9987 8878

[LinkedIn: @adjuliartha] | [GitHub: @adjuliartha20]

SUMMARY

Hands-on Technology Leader with 10+ years of experience in managing full-cycle digital functions. Expert in bridging high-level IT strategy with deep technical execution, from Full-Stack development to advanced System Administration. Proven ability to operate independently, making critical technical calls that ensure long-term scalability and security.

CORE COMPETENCIES

- **IT Governance & Documentation:** Experienced in establishing IT standard operating procedures (SOPs), data organization standards, and security policies for non-technical stakeholders
- **Strategic Decision Making:** Full authority in selecting technology stacks, managing vendor relations, and delivering end-to-end technical outcomes with direct reporting to business owners.
- **Leadership:** Team Mentorship (Developers & UI/UX), Project Roadmap Planning, Stakeholder Management.
- **WordPress Expertise:** Custom Plugin/Theme Development, Performance Optimization, Scalable Site Architecture.
- **Technical Stack:** PHP (Laravel/CI), JavaScript (React/Next.js/jQuery), MySQL, RESTful API Integration.
- **Systems & Security:** Server Hardening (Ubuntu/Nginx), VPS Management, Version Control (Git), Firewall Configuration.
- **Integrations:** Channel Managers (SiteMinder, STAAH), Property Management Systems (VHP), Payment Gateways.

WORK EXPERIENCE

Software Engineer Assistant Manager

March 2024 – Present

Nakula Villa Management & Rental

- **Team Leadership:** Lead and mentor a team of 2 developers and 1 UI/UX designer to deliver high-scale hospitality platforms.
- **Project Oversight:** Managed the complete handover and enhancement of Nakula.com, including a comprehensive redesign and SEO optimization.
- **Systems Integration:** Architected API integrations with global hospitality tech providers such as SiteMinder and STAAH.
- **Operational Excellence:** Developed critical modules for Internal PMS, including Villa Owner Dashboards and Petty Cash Management.
- **Infrastructure & WordPress Security:** Set up and maintained secure Virtual Private Servers (VPS) with enhanced WordPress security protocols and advanced protection software for 80+ property websites, ensuring high availability and data integrity across the entire cluster.
- Architected and independently migrated 80+ hospitality websites into a containerized Docker environment. This involved a complete restructuring of the server environment, resulting in enhanced data organization, 99.9% uptime, and significantly reduced operational overhead.

Full Stack Developer Supervisor
Pondok Lensa

March 2023 – March 2024

- **Systems Rejuvenation:** Led the critical migration and rejuvenation of legacy systems to modern Linux OS environments to ensure data consistency and enhanced system security.
- **Cloud & Virtualization:** Managed the end-to-end setup of Virtual Machines (VMs) and application deployment on private servers, transitioning the company from basic shared hosting to a robust, scalable infrastructure.
- **Operational Continuity:** Guaranteed 24/7 system availability for one of Indonesia's leading camera rental firms, managing technical standby protocols to resolve real-time operational, finance, and HR department issues.
- **Legacy Transformation:** Successfully debugged and resolved complex compatibility errors during OS upgrades through advanced technical improvisation and close collaboration with DevOps teams.
- **Vendor & Stakeholder Management:** Orchestrated the seamless technical handover from external vendors, ensuring zero downtime during the transition to the in-house IT team.
- **Cross-Departmental Collaboration:** Acted as the primary technical liaison for Finance, HR, and Operations departments to align system functionalities with business workflows.

Co-Founder & Full-Stack Developer
Kasensa

April 2017 – February 2023

- **End-to-End Project Lifecycle:** Managed the full development lifecycle for clients, from initial stakeholder consultation and requirements gathering to final deployment and training.
- **Business Operations:** Spearheaded business-critical functions including market research, service offering design, legal contract drafting, and project timeline management.
- **Growth & Marketing:** Executed multi-channel digital marketing strategies (Google Ads, Meta Ads) and implemented SEO best practices to drive client acquisition and platform visibility.
- **Custom Full-Stack Development:** Designed and developed robust WordPress-based architectures, converting complex UI/UX designs into pixel-perfect, responsive HTML, CSS, and JavaScript frontend systems.
- **Backend System Engineering:** Built tailored backend management systems customized to specific client operational needs, ensuring ease of use for non-technical users.
- **Version Control:** Established professional development workflows using Git/GitHub for version control and environment parity, ensuring codebase security and streamlined deployment.
- **Technical Consulting:** Acted as the primary technical point of contact, conducting system demos, managing iterative revision cycles, and providing comprehensive technical training to clients.

Mobile & Full Stack Developer
Lumonata

May 2012 – April 2017

- **Mobile Application Engineering:** Successfully spearheaded the development of the "Mongkiki" mobile application using the PhoneGap framework, facilitating domain and hosting services for local businesses.
- **Full Stack Transition:** Seamlessly transitioned into a Full Stack Developer role, leveraging strong technical adaptability to pivot between mobile and web development based on project demand.
- **Web Architecture & Backend Systems:** Engineered end-to-end backend and frontend systems for diverse high-traffic tourism and e-commerce websites, utilizing custom company-built CMS (Aruna) and frameworks.

Mobile & Full Stack Developer

May 2012 – April 2017

Lumonata

- **API Development:** Gained foundational experience in designing secure APIs to support robust data interactions within website applications.
 - **Agile Collaboration:** Worked in a fast-paced agency environment, coordinating closely with UI/UX designers and project managers to translate complex designs into functional, responsive web solutions.
 - **Knowledge Optimization:** Developed effective communication strategies for technical inquiries, ensuring rapid skill acquisition and minimal disruption to team productivity during tight project deadlines.
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EDUCATION

Bachelor of Computer Science (S.Kom.) | System Computer | 2008 – 2012 STMIK STIKOM Bal

- Graduated: May, 2012
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TECHNICAL SKILLS

- **Languages:** PHP, Javascript, HTML, CSS/SASS, SQL.
- **Frameworks:** Laravel, React.js, Next.js, CodeIgniter.
- **CMS:** Wordpress, PayloadCMS
- **Web Server:** Nginx, Apache
- **Database:** MySQL, MariaDB, MongoDB