

DAFTAR PUSTAKA

- Aalam, Z., Kumar, V., & Gour, S. (2021). A review paper on hypervisor and virtual machine security. *Journal of Physics: Conference Series*, 1950(1).
- Agarwal, G. (2021). *Modern DevOps Practices*. Ed ke-1. Birmingham: Packt Publishing.
- Amgothu, S., & Kankanala, G. (2024). Enhancing Kubernetes Security: Securing Workloads and Optimizing Role-Based Access Control. *International Journal of Computer Applications*, 186(58), 11–15.
- Aprilia, A., & Mulianingtyas, O. (2023). Orkestrasi Continuous Integration / Continuous Delivery (CI / CD) Dan Automated Testing Pada Devops Marketplace. *Digital Journal of Information Technology and Communication (DIJITAC)*, 3(2), 59–69.
- Azhar, R., Santoso, H., & Krismono, B. (2022). Pengaruh Implementasi Kernel Based Virtual Machine Pada Server Vps Terhadap Pemakaian Cpu Memory Dan Harddisk. *Jurnal Informatika Dan Rekayasa Elektronik*, 5(1), 140–152.
- Badan Pembinaan BUMD Provinsi DKI Jakarta. (2025). *Profil BUMD Provinsi DKI Jakarta PT Jakarta Tourisindo (Perseroda)*. Sibumd.Jakarta.Go.Id. <https://sibumd.jakarta.go.id/web/bumd/JKTUR>. Diakses 2 Juni 2025.
- Beckman, M. D., Çetinkaya-Rundel, M., Horton, N. J., Rundel, C. W., Sullivan, A. J., & Tackett, M. (2021). Implementing Version Control With Git and GitHub as a Learning Objective in Statistics and Data Science Courses. *Journal of Statistics and Data Science Education*, 29(S1), S132–S144.
- Jakarta Experience Board. (2025). *About Us Jakarta Experience Board*. Jxboard.Co.Id. <https://jxboard.co.id/about>. Diakses 2 Juni 2025.
- Buenning, M. (2024). *What Is a Server Operating System?* Ninjaone.Com. <https://www.ninjaone.com/it-hub/it-service-management/what-is-a-server-operating-system/>. Diakses 23 April 2025.

- Crockett, E. (2022). *Proxmox Virtual Environment (VE) Review*. Enterprisestorageforum.Com. <https://www.enterprisestorageforum.com/software/proxmox-ve-review/> Diakses 23 April 2025.
- Duggirala, S., & Goel, L. (2025). Cloud-Native Microservices : Best Practices For Development. *International Research Journal of Modernization in Engineering Technology and Science*, 07(04), 2520–2532.
- Dutonde, P. D., Mamidwar, S. S., Korvate, M. S., Bafna, S., & Shirbhate, D. D. (2022). Website Developmemt Technologies: A Review. *International Journal for Research in Applied Science and Engineering Technology*, 10(1), 359–366.
- Erder, Murat; Pureur, P., & Woods, E. (2021). Continuous Architecture Principles. Ed ke-1. Boston: Addison-Wesley Professional
- Fadhillah, R., & Rosyid, N. R. (2024). Monitoring Keamanan Runtime pada Kubernetes menggunakan Falco. *Journal of Internet and Software Engineering (JISE)*, 6(1), 13–22.
- Ferdiansyah, P., & Fatur Rahman, Z. (2024). Implementasi Sistem Keamanan Data Menggunakan Server Ubuntu Pada Jaringan Lokal di PT Coat Sedulur. *EXPLORE*, 14(2), 118–124.
- Franchitti, J.-C. (2024). Introduction to Computer Science. Ed ke-1. Houston: OpenStax.
- Harvey, N. (2025). *DORA's software delivery metrics: the four keys*. Dora.Dev. <https://dora.dev/guides/dora-metrics-four-keys/>. Diakses 10 Juli 2025.
- Haryo, A. K., & Dewa, C. K. (2024). Implementasi Penggunaan Kubernetes Cluster Google Cloud Platform untuk Deployment Aplikasi Wiki. js. *Jurnal Informatika Dan Teknologi Komputer (J-ICOM)*, 5(01), 11–20.
- International Organization for Standardization (ISO). (2001). International Standard ISO/IEC 9126-1:2001 | Software engineering - Product quality - Quality model. *Software Process: Improvement and Practice*, 2(1), 1–25.

- Jaeni, J., S., N. A., & Laksito, A. D. (2022). Implementasi Continuous Integration/Continuous Delivery (Ci/Cd) Pada Performance Testing Devops. *Journal of Information System Management (JOISM)*, 4(1), 62–66.
- Kementerian Keuangan RI. (2023). *Transformasi Digital untuk Masa Depan Ekonomi dan Bisnis di Indonesia*. Djpb.Kemenkeu.Go.Id. <https://djpb.kemenkeu.go.id/portal/id/berita/berita/nasional/4074-transformasi-digital-untuk-masa-depan-ekonomi-dan-bisnis-di-indonesia.html>. Diakses 15 Maret 2025.
- Khan, M. S., Khan, A. W., Khan, F., Khan, M. A., & Whangbo, T. K. (2022). Critical Challenges to Adopt DevOps Culture in Software Organizations: A Systematic Review. *IEEE Access*, 10, 14339–14349.
- Krishna Kaiser, A. (2023). Reinventing ITIL® and DevOps with Digital Transformation. In *Reinventing ITIL® and DevOps with Digital Transformation*.
- Kumar, N., Nemirajaiah, A., & Raju, C. K. (2025). *Securing Virtual Machines using Cloning in Cloud Services*. 15(2), 20770–20775.
- La Lau, R. (2021). Practical Internet Server Configuration. Ed ke-1. In *Practical Internet Server Configuration*. New York: Apress Media.
- Lisdorf, A. (2021). Cloud Computing Basics: A Non-Technical Introduction. In *Cloud Computing Basics: A Non-Technical Introduction*. Ed ke-1. In *Practical Internet Server Configuration*. New York: Apress Media.
- Megantara, R. A., Alzami, F., Pramunendar, R. A., & Prabowo, D. P. (2022). Pengembangan Dan Implementasi Docker Untuk Memaksimalkan Utilitas Server Universitas Pada Masa Covid-19. *Transmisi*, 24(2), 48–54.
- Musfikar, R., Rozana, L., Hazrullah, H., & Islamadina, R. (2023). Pengukuran Kualitas Aplikasi E-Surat Menggunakan ISO 9126. *Circuit: Jurnal Ilmiah Pendidikan Teknik Elektro*, 7(1), 30.
- Naim, F., Saedudin, R. R., & Hediyanto, U. Y. K. S. (2022). Analysis of Wireless

- and Cable Network Quality-of-Service Performance At Telkom University Landmark Tower Using Network Development Life Cycle (Ndlc) Method. *JUPI (Jurnal Ilmiah Penelitian Dan Pembelajaran Informatika)*, 7(4), 1033–1044.
- Nurhayati, N. (2024). Implementation of Continuous Integration and Continuous Deployment (CI/CD) to Speed up the Automation Process of Software Delivery In the Production Process Using Node.Js, Docker, and React.Js. *Jurnal Info Sains : Informatika Dan Sains*, 14(02), 15–28.
- Nyabuto, G. (2023). Client-server Architecture, a Review. *International Journal of Advanced Science and Computer Applications*, 3(1), 1–4.
- Padallan, J. O. (2023). Introductory Guide To Operating Systems. In *Arcler Press*. Ed ke-1. Burlington: Arcler Press.
- Pai, K., & Srinivas, B. . (2024). Enhanced Visibility for Real-time Monitoring and Alerting in Kubernetes by Integrating Prometheus, Prometheus, Grafana, Loki, and Alerta. *Interantional Journal of Scientific Research in Engineering and Management*, 08(06), 1–5.
- Prabowo, C. R., Irmanto, D., & Rohadi, E. (2024). Studi Dan Analisis Keamanan Sistem Internal Docker Dari Docker Daemon Attack Dan Ddos Pada Sistem Open Journal System. *Jurnal Perpustakaan Universitas Airlangga: Media Informasi Dan Komunikasi Kepustakawanan*, 14(1), 61–68.
- Queiroz, R., Cruz, T., Mendes, J., Sousa, P., & Simões, P. (2023). Container-based Virtualization for Real-time Industrial Systems - A Systematic Review. *ACM Computing Surveys*, 56(3).
- Raj, K. A., Anand, A., & Sahana, V. (2022). DevOps and Tools Used: A Systematic Review. *International Journal of Engineering Science Invention (IJESI)*, October, 216–221.
- Rajakumar, J., Thason, M., & Singh, R. K. (2025). *Measuring Devops Success With The DORA Metrics : A Comprehensive Analysis Of Key Performance Indicators And Their Impact On Software Delivery*. 13(5).

- Rodianto, R., Idham, I., Yuliadi, Y., Zaen, M. T. A., & Ramadhan, W. (2022). Penerapan Network Development Life Cycle (NDLC) Dalam Pengembangan Jaringan Komputer Pada Badan Pengelolaan Keuangan dan Aset Daerah (BPKAD) Provinsi NTB. *Jurnal Ilmiah FIFO*, 14(1), 35.
- S. Raisinghani, M. (2025). Foundations of Information Systems. In *OpenStax*. Kendall Hunt Publishing. Ed ke-1. Houston: OpenStax.
- Setyoko, A. D., & Zahra, A. (2024). Perbandingan Efisiensi Proses CI/CD Multi-Lingkungan melalui Implementasi Paralel dan Berurutan. *MALCOM: Indonesian Journal of Machine Learning and Computer Science*, 4(3), 911–925.
- Simatupang, J. D. J., & Effiyaldi. (2024). Evaluasi Sistem Informasi Kepegawaian Dengan Standar ISO/IEC 9126 Pada Universitas Jambi. *Manajemen Sistem Informas*, 9(1), 51–65.
- Siswanto, D., Priyandoko, G., Tjahjono, N., Putri, R. S., Sabela, N. B., & Muzakki, M. I. (2021). Development of Information and Communication Technology Infrastructure in School using an Approach of the Network Development Life Cycle Method. *Journal of Physics: Conference Series*, 1908(1).
- Syauqi, M., Amrullah, A., & Marthasari, G. I. (2024). Otomatisasi Proses Deployment dengan Metode CI / CD Menggunakan Jenkins dan Docker Pada Web Service i-Lab. *REPOSITOR*, 6(4), 313–322.
- T. Abewa, Y., & Z. Melese, S. (2024). Dynamic Interactive Honeypot for Web Application Security. *I.J. Wireless and Microwave Technologies*, 14(6), 1–14.
- Tuukkanen, V., Wolgsjö, E., & Rusu, L. (2021). Cultural Values in Digital Transformation in a Small Company. *Procedia Computer Science*, 196(2021), 3–12.
- Vermaa, S. B., Pandeyb, B., & Gupta, B. K. (2022). Containerization and its Architectures: A Study. *Advances in Distributed Computing and Artificial Intelligence Journal*, 11(4), 395–409.

- Widajanti, E., & Ratnawati, T. (2020). Information Technology Infrastructure Optimization for Achieving Innovation-based Company Performance. *International Journal of Business, Economics and Law*, 22(1), 180–187.
- Widyawati, L., Santoso, H., & Hamdika, B. (2021). Analisa Penerapan Server Deployment Menggunakan Kubernetes Untuk Menghindari Single Of Failure. *JINTEKS (Jurnal Informatika Teknologi Dan Sains)*, 3(1), 267–271.
- Wiraj Udara, W., & Nalin, W. (2021). DevOps Engine Modeling for Microservices Software Applications on Docker Containers. *Rajarata University Journal*, 6(1), 64–73.
- Wolf, G. (2024). Using the Git Version Control System to Replace a Learning Management System. *Revista Iberoamericana de Tecnologias Del Aprendizaje*, 19, 24–32.
- Wulandari, W., Nofiyani, N., & Hasugian, H. (2023). User Acceptance Testing (UAT) Pada Electronic Data Preprocessing Guna Mengetahui Kualitas Sistem. *Jurnal Mahasiswa Ilmu Komputer*, 4(1), 20–27.