

DAFTAR PUSTAKA

- [1] A. Dhany Widiyanto, B. Anindito, and M. Noor Al Azam, “Implementation of Docker and Continuous Integration / Continuous Delivery for Management Information System Development,” *International Journal of Electrical Engineering and Information Technology*, vol. 03, 2020.
- [2] A. M. Potdar, N. D G, S. Kengond, and M. M. Mulla, “Performance Evaluation of Docker Container and Virtual Machine,” *Procedia Comput Sci*, vol. 171, pp. 1419–1428, 2020, doi: 10.1016/j.procs.2020.04.152.
- [3] A. R. Ekaputra and A. S. Affandi, “Pemanfaatan layanan cloud computing dan docker container untuk meningkatkan kinerja aplikasi web,” *Journal of Information System and Application Development*, vol. 1, no. 2, pp. 138–147, Sep. 2023, doi: 10.26905/jisad.v1i2.11084.
- [4] A. Sunyoto, “Uji Kinerja Sistem Web Service Pembayaran Mahasiswa Menggunakan Apache JMeter (Studi Kasus: Universitas AMIKOM Yogyakarta),” *Jurnal Teknologi Informasi*, vol. Vol. XIII No. 1, pp. 44–52, Apr. 2018.
- [5] Ahmed and G. Pierre, “Docker Container Deployment in Fog Computing Infrastructures,” in *2018 IEEE International Conference on Edge Computing (EDGE)*, IEEE, Jul. 2018, pp. 1–8. doi: 10.1109/EDGE.2018.00008.
- [6] B. G. Pratama and M. F. Qodri, “Sistem Pemantauan Limbah Cair Berbasis Internet of Things dan Terproteksi Wireguard,” *KURVATEK*, vol. 8, no. 1, pp. 99–108, Apr. 2023, doi: 10.33579/krvtk.v8i1.4028.
- [7] B. Xu *et al.*, “Sledge: Towards Efficient Live Migration of Docker Containers,” in *2020 IEEE 13th International Conference on Cloud Computing (CLOUD)*, IEEE, Oct. 2020, pp. 321–328. doi: 10.1109/CLOUD49709.2020.00052.
- [8] C. Chen, M. Hung, K. Lai, and Y. Lin, “Docker and Kubernetes,” in *Industry 4.1*, Wiley, 2021, pp. 169–213. doi: 10.1002/9781119739920.ch5.
- [9] D. Rahman, H. Amnur, and I. Rahmayuni, “Monitoring Server dengan Prometheus dan Grafana serta Notifikasi Telegram,” *JITSI: Jurnal Ilmiah Teknologi Sistem Informasi*, vol. 1, no. 4, pp. 133–138, Dec. 2020, doi: 10.62527/jitsi.1.4.19.

- [10] G. Y. Saputra, A. D. Afrizal, F. K. R. Mahfud, F. A. Pribadi, and F. J. Pamungkas, “Penerapan Protokol Mqtt pada Teknologi Wan (Studi Kasus Sistem Parkir Univeristas Brawijaya),” Sep. 14, 2017. doi: 10.31219/osf.io/anbhf.
- [11] H. Mubarok and H. Saptono, “Analisis dan Perancangan Platform Virtualisasi Berbasis Docker,” *Jurnal Informatika Terpadu*, vol. 5, no. 1, pp. 18–23, Mar. 2019, doi: 10.54914/jit.v5i1.175.
- [12] I. Vasireddy, G. Ramya, and P. Kandi, “Kubernetes and Docker Load Balancing: State-of-the-Art Techniques and Challenges,” *International Journal of Innovative Research in Engineering and Management*, vol. 10, no. 6, pp. 49–54, Dec. 2023, doi: 10.55524/ijirem.2023.10.6.7.
- [13] J. Cito, G. Schermann, J. E. Wittern, P. Leitner, S. Zumberi, and H. C. Gall, “An Empirical Analysis of the Docker Container Ecosystem on GitHub,” in *2017 IEEE/ACM 14th International Conference on Mining Software Repositories (MSR)*, IEEE, May 2017, pp. 323–333. doi: 10.1109/MSR.2017.67.
- [14] J. Mahboob and J. Coffman, “A Kubernetes CI/CD Pipeline with Asylo as a Trusted Execution Environment Abstraction Framework,” in *2021 IEEE 11th Annual Computing and Communication Workshop and Conference (CCWC)*, IEEE, Jan. 2021, pp. 0529–0535. doi: 10.1109/CCWC51732.2021.9376148.
- [15] M. Fadlulloh and R. Bik, “Implementasi Docker untuk Pengelolaan Banyak Aplikasi Web (Studi Kasus : Jurusan Teknik Informatika Unesa),” 2017.
- [16] M. H. Saputra, Ferdiayansah, and F. Dristyan, “Pemanfaatan Virtualisasi Di Ubuntu Untuk Optimalisasi Sumber Daya: Manfaat, Tantangan, Dan Solusi,” *Journal Of Computer Science And Technology (JOCSTEC)*, vol. 3, no. 1, pp. 49–54, Jan. 2025, doi: 10.59435/jocstec.v3i1.431.
- [17] M. Rodriguez and R. Buyya, “Container Orchestration With Cost-Efficient Autoscaling in Cloud Computing Environments,” 2020, pp. 190–213. doi: 10.4018/978-1-7998-2701-6.ch010.
- [18] M. Sureshkumar and P. Rajesh, “Optimizing The Docker Container Usage Based on Load Scheduling,” in *2017 2nd International Conference on Computing and Communications Technologies (ICCCT)*, IEEE, Feb. 2017, pp. 165–168. doi: 10.1109/ICCCT2.2017.7972269.
- [19] N. Putu, V. D. Saraswati, N. Yudistira, and P. P. Adikara, “Analisis Sentimen terhadap Perundungan Siber pada Twitter menggunakan Algoritma Bidirectional Encoder Representations from Transformer (BERT),” 2023. [Online]. Available: <http://j-ptiik.ub.ac.id>

- [20] R. A. Megantara, F. Alzami, R. A. Pramunendar, and D. P. Prabowo, “Pengembangan dan Implementasi Docker untuk Memaksimalkan Utilitas Server Universitas pada Masa Covid-19,” *Transmisi*, vol. 24, no. 2, pp. 48–54, May 2022, doi: 10.14710/transmisi.24.2.48-54.
- [21] R. Buyya, M. A. Rodriguez, A. N. Toosi, and J. Park, “Cost-Efficient Orchestration of Containers in Clouds: A Vision, Architectural Elements, and Future Directions,” *J Phys Conf Ser*, vol. 1108, p. 012001, Nov. 2018, doi: 10.1088/1742-6596/1108/1/012001.
- [22] S. Amgothu, “An End-to-End CI/CD Pipeline Solution Using Jenkins and Kubernetes,” *International Journal of Science and Research (IJSR)*, vol. 13, no. 8, pp. 1576–1578, Aug. 2024, doi: 10.21275/SR24826231120.
- [23] S. Dwiyatno, E. Rakhmat, and O. Gustiawan, “Implementasi Virtualisasi Server Berbasis Docker Container,” vol. 7, no. 2, 2020.
- [24] V. Chaitanya and S. S. Kirubakaran, “Online Notice Board Using Raspberries Pi Using Putty Software and Internet of Things,” 2022, p. 030055. doi: 10.1063/5.0111067.
- [25] W. M. C. J. T. Kithulwatta, K. P. N. Jayasena, B. T. G. S. Kumara, and R. M. K. T. Rathnayaka, “Integration With Docker Container Technologies for Distributed and Microservices Applications,” *International Journal of Systems and Service-Oriented Engineering*, vol. 12, no. 1, pp. 1–22, Apr. 2022, doi: 10.4018/IJSSOE.297136.
- [26] Y. Aldwyān, R. O. Sinnott, and G. T. Jayaputera, “Elastic Deployment of Container Clusters Across Geographically Distributed Cloud Data Centers for Web Applications,” *Concurr Comput*, vol. 33, no. 21, Nov. 2021, doi: 10.1002/cpe.6436.
- [27] Z. Arif, A. Alim Murtopo, and S. Aris Munandar, “Penerapan Squirrelmail pada Mail Server Berbasis Linux Ubuntu.”