

DAFTAR PUSTAKA

- AlGhamdi, H. M., Bezemer, C., Shang, W., Hassan, A. E., & Flora, P. (2020). *Towards reducing the time needed for load testing*, 35(3):1-17.
- Balalaie, A., Heydarnoori, A., & Jamshidi, P. (2016). *Microservices Architecture Enables DevOps: an Experience Report on Migration to a Cloud-Native Architecture*. IEEE Software, 33(3):32-52.
- Brandón, Á., Solé, M., Huélamo, A., Solans, D., Pérez, M. S., & Muntés-Mulero, V. (2020). *Graph-based root cause analysis for service-oriented and microservice architectures*, 159(1):110432.
- Cantabella, M., Martínez-España, R., Ayuso, B., Yáñez, J. A., & Muñoz, A. (2019). *Analysis of student behavior in learning management systems through a Big Data framework*, 90(1):262-272.
- Chae, M., Lee, H., & Lee, K. (2017). *A performance comparison of linux containers and virtual machines using Docker and KVM*, 22(1):1765-1775.
- Chaw, L. Y., & Tang, C. M. (2018). *What Makes Learning Management Systems Effective for Learning?*, 47(2):152-169.
- Christudas, B. (2019). *High Availability and Microservices*, 1(9):245-177.
- Cojocar, M.-D., Uta, A., & Oprescu, A.-M. (2019). *Attributes Assessing the Quality of Microservices Automatically Decomposed from Monolithic Applications*.
- Ding, Z., Chen, J., & Shang, W. (2020). *Towards the use of the readily available tests from the release pipeline as performance tests*. ICSE '20: 42nd International Conference on Software Engineering. ACM.
- Innovation Factory (2020). *i360 Report Edutech Industry in Indonesia*. Bandung:Ravenry.
- Istio (2022). "The Istio service mesh", <https://istio.io/latest/about/service-mesh/>. Diakses pada 27 September 2022. Diakses pada 28 September 2022.
- Lily Ulfia, SE (2020). "Dinamika Pembelajaran Daring Pada Masa Pandemi

- Covid”,
https://iainkendari.ac.id/content/detail/dinamika_pembelajaran_daring_pada_masa_pandemi_covid. Diakses pada 28 September 2022.
- Macy, J. (2018). *How to build a secure API gateway*, 2018(6):12-14.
- Mahajan, P. (2016). *Different types of testing in software testing*, 3(4), 1661-1664.
- Microsoft Azure. “What is Azure”,
<https://azure.microsoft.com/en-us/resources/cloud-computing-dictionary/what-is-azure/>. Diakses pada 1 Oktober 2022.
- Microsoft Azure. “Intro Kubernetes”,
<https://learn.microsoft.com/en-us/azure/aks/intro-kubernetes>. Diakses pada 1 Oktober 2022.
- O’, D., Sullivan, N. A., Krewer, F., & Frankl, G. (2017). *Technology enhanced collaborative learning using a project-based learning management system*, 9(1):14.
- Portillo-Dominguez, A. O., Perry, P., Magoni, D., & Murphy, J. (2017). *PHOEBE: an automation framework for the effective usage of diagnosis tools in the performance testing of clustered systems*, 47(11):1837-1874.
- Rademacher, F., Sorgalla, J., & Sachweh, S. (2018). *Challenges of Domain-Driven Microservice Design: A Model-Driven Perspective*, 35(3):36-43.
- Sam Newman. (2020). *Monolith to Microservices Evolutionary Patterns to Transform Your Monolith*. California:O’REILLY.
- Sharma, R., & Singh, A. (2020). *Getting Started with Istio Service Mesh*. Delhi:Apress.
- Supriyono. (2020). *Software Testing with the approach of Blackbox Testing on the Academic Information System*, 3(2):227-233.
- Tian, F., Liang, P., & Babar, M. A. (2022). *Relationships between software architecture and source code in practice: An exploratory survey and interview*, 141(1):106705.
- Villamizar, M. et al. (2017). *Cost comparison of running web applications in the cloud using monolithic, microservice, and AWS Lambda architectures. Service Oriented Computing and Applications*, 11(2):233-247.

- Wahyu, N, C., Yulianingsih., Sri, M, G. (2018). *PENGUJIAN BLACK BOX TESTING PADA APLIKASI ACTION & STRATEGY BERBASIS ANDROID DENGAN TEKNOLOGI PHONEGAP*, 3(1):2.
- Waseem, M., Liang, P., Shahin, M., Di Salle, A., & Márquez, G. (2021). *Design, monitoring, and testing of microservices systems: The practitioners' perspective*, 182(1):111061.
- World Bank (2020). *EDTECH IN INDONESIA - READY FOR TAKE OFF?*. Washington DC:World Bank.
- Xu, R., Jin, W., & Kim, D. (2019). *Microservice Security Agent Based On API Gateway in Edge Computing*, 19(22):1-17.
- Yen, S.-C., Lo, Y., Lee, A., & Enriquez, J. (2018). *Learning online, offline, and in-between: comparing student academic outcomes and course satisfaction in face-to-face, online, and blended teaching modalities*, 23(5):2141–2153.

