

DAFTAR PUSTAKA

- Abuhassna, H., Alnawajha, S., Awae, F., Adnan, M.A.B.M. and Edwards, B.I., 2024. Synthesizing technology integration within the Addie model for instructional design: A comprehensive systematic literature review. *Journal of Autonomous Intelligence*, 7(5), pp.1-28. Available at: <https://doi.org/10.32629/jai.v7i5.1546>
- Adeoye, M.A., Wirawan, K.A.S.I., Pradnyani, M.S.S. dan Septiarini, N.I., 2024. Revolutionizing education: Unleashing the power of the ADDIE model for effective teaching and learning. *JPI (Jurnal Pendidikan Indonesia)*, 13(1), pp.202-209. Available at: <https://doi.org/10.23887/jpiundiksha.v13i1.68624>
- Anindyati, L., 2023. Analisis dan Perancangan Aplikasi Chatbot Menggunakan Framework Rasa dan Sistem Informasi Pemeliharaan Aplikasi (Studi Kasus: Chatbot Penerimaan Mahasiswa Baru Politeknik Astra). *Jurnal Teknologi Informasi Dan Ilmu Komputer (JTIK)*, 10(2), pp.291-300.
- Apriliyanto, F.P., Prihati, Y. & Bakti, C.A., 2024. Implementasi CI/CD menggunakan GitHub Actions untuk pengembangan web landing page UMKM XYZ. *Journal of Information Technology and Computer Science (INTECOMS)*, 7(4), pp.1239-1249. Available at: <https://doi.org/10.31539/intecom.v7i4.10961>
- Aprianto, A., 2020. Penerapan Sistem Penyimpanan Cloud Computing Menggunakan Owncloud Untuk Pengolahan Data Pada Universitas Islam Sumatera Utara. *Buletin Utama Teknik*, 16(1), pp.47-50. Available at: <https://doi.org/10.30743/but.v16i1.3540>
- Armbian Project, n.d. *Armbian Documentation*. Available at: <https://docs.armbian.com/>
- Azmi, M., Sonatha, Y., Rahmayuni, I., Dewi, M.R. dan Kirana, S.O., 2024. Penerapan GitHub sebagai Media Kolaborasi untuk Meningkatkan

Keterampilan Kerja Tim Siswa SMK. *Suluhah Bendang: Jurnal Ilmiah Pengabdian Kepada Masyarakat*, 24(3), pp.189-196. Available at: <https://doi.org/10.24036/sb.05950>

Biznet Gio Cloud, 2025. Daftar Harga Layanan VPS. *Biznet Gio Cloud Documentation*.

Chizhov, A. and Fesenko, A., 2025. Web hosting companies' client solutions: A study of a strategic standpoint. *Corporate & Business Strategy Review*, 6(1), pp.421-429.

Faqih, R., Taufiqurrahman, A., Husen, H. dan Sabariah, K., 2024. Empirical analysis of CI/CD tools usage in GitHub Actions workflows. *Journal of Informatics and Web Engineering*, 3(2), pp.251-261. Available at: <https://doi.org/10.33093/jiwe.2024.3.2.18>

Gupta, A., Rawal, A. and Barge, Y., 2021. Comparative Study of Different SDLC Models. *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, 9(11), pp.73-80. Available at: <https://doi.org/10.22214/ijraset.2021.38736>

Ikhwan, A., Hartanto, M.B. & Yusman, M., 2025. Analisis pemanfaatan teknologi cloud storage untuk efisiensi kolaborasi data pada perguruan tinggi swasta di Indonesia. *Jurnal Teknologi dan Informatika (JEDA)*, 6(1), pp.1-7.

Jaeni, J., Aji, N.S. & Laksito, A.D., 2022. Implementasi Continuous Integration/Continuous Delivery (CI/CD) pada performance testing DevOps. *JOISM: Jurnal of Information System Management*, 4(1), pp.62-66.

Jani, Y., 2023. Implementing continuous integration and continuous deployment (CI/CD) in modern software development. *International Journal of Science and Research (IJSR)*, 12(6), pp.2984-2987.

Kuhail, M.A. dan Lauesen, S., 2022. User story quality in practice: A case study. *Software*, 1(3), pp.223-243. Available at:

<https://doi.org/10.3390/software1030010>

Marpaung, A.M. dan Suendri, S., 2025. Pengembangan Sistem Informasi Akademik Berbasis Web dengan Integrasi Web Engineering dan Continuous Integration. *JOISIE (Journal Of Information Systems And Informatics Engineering)*, 9(2), pp.315-330.

Melati, F.A., Pradana, R.W. and Arisa, N.N., 2023. Pengembangan Buku Tamu Digital Pada PT XYZ Menggunakan Metode Personal Extreme Programming. *Jurnal Sistim Informasi dan Teknologi*, pp.73-81. Available at: <https://doi.org/10.60083/jsisfotek.v5i4.323>

Noviana, R., 2022. Pembuatan aplikasi penjualan berbasis web monja store menggunakan php dan mysql. *Jurnal Teknik Dan Science*, 1(2), pp.112-124. Available at: <https://doi.org/10.56127/jts.v1i2.128>

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), pp.15-28. Available at: <https://doi.org/10.54209/infosains.v14i02.4233>

Patuke, R., Mulyanto, A. dan Takdir, R., 2022. Pengukuran Kinerja Set Top Box (STB) Sebagai Penyimpanan Cloud. *Diffusion: Journal of Systems and Information Technology*, 2(2), pp.1-12. Available at: <https://ejournal.itn.ac.id/jiti/article/view/325>

Prabandaru, V.A., Emanuel, A.W.R. & Dewi, F.K.S., 2024. Evaluasi performa CI/CD menggunakan Cloud Build pada aplikasi web. *Jurnal Informatika Atma Jogja*, 5(2), pp.181-190. Available at: <https://doi.org/10.24002/jiaj.v5i2.10707>

Proven, L., 2022. Linux-on-an-SBC project Armbian releases version 22.02. *The Register*, 3 March. Available at: https://www.theregister.com/2022/03/03/armbian_project_releases_version_2202/

Rifqi, M.Z., Azinar, A.W., Indahyanti, U. & Busono, S., 2025. Optimasi penggunaan STB bekas sebagai NAS server dengan Casa OS. *semantik*, 10(2), pp.1-9. Available at: <https://doi.org/10.55679/semantik.v1i1.83>

Rohman, A., Fahmi, M. dan Pukeng, A.F., 2025. Pemanfaatan Set Top Box Bekas Sebagai Server Cloud Hosting dengan Apanel dan Cloudflare Zerotrust. *Blend Sains Jurnal Teknik*, 4(1), pp.92-104. Available at: <https://doi.org/10.56211/blendsains.v4i1.985>

Sommerville, I., 2016. *Software Engineering, Tenth Edition*. New Jersey: Pearson Higher Education. Available at: https://archive.org/details/softwareengineerOO000somm_f5s2

Suharyadi, T.N. & Tedyyana, A., 2025. Rancang Bangun Network Attached Storage Menggunakan Set-Top Box Sebagai Penyimpanan Terpusat. *Techno.COM*, 24(2), pp.306-319. Available at: <https://publikasi.dinus.ac.id/technoc/article/view/12545>

Suryayusra, Alfarizhi, R.A., Fatoni, Ariyadi, T. and Ulfa, M., 2024. Prototype implementation of IT business VPS and web hosting services as a research laboratory for Bina Darma University. *Jurnal Inovtek Polbeng - Seri Informatika*, 9(2), pp.526-537.

Thota, R.C., 2020. CI/CD Pipeline Optimization: Enhancing Deployment Speed and Reliability with AI and Github Actions. *International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences*, 8, pp.1-11.

Utomo, B.T., 2024. Analisis dan Perancangan Sistem Informasi Lembaga Dakwah Kampus (LDK) Universitas Subang Dengan Menggunakan User Story Dan Diagram Class Responsibility Collaborator (CRC). *Global*, 11(2), pp.26-36. Available at: <https://ejournal.unsub.ac.id/index.php/FASILKOM/article/view/2073>

Wahid, A.A., 2020. Analisis Metode Waterfall untuk Pengembangan Sistem Informasi. *Jurnal Ilmu-ilmu Informatika dan Manajemen STMIK*

(*INFOMAN'S*), Oktober 2020, ISSN 1978-3310, E-ISSN 2615-3467.

Wessel, M., Vargovich, J., Gerosa, M.A. dan Treude, C., 2023. Github actions: the impact on the pull request process. *Empirical Software Engineering*, 28(6), p.131. Available at: <https://doi.org/10.1007/s10664-023-10371-5>

Zulhakim, Z. & Kurniawan, A., 2024. Implementasi Continuous Integration dan Continuous Deployment pada pengembangan aplikasi website menggunakan Docker dan GitHub Actions. *IEEE Paper Template in A4*, pp.1-11.



INSTITUT TEKNOLOGI
K A L I M A N T A N