

DAFTAR PUSTAKA

- Afandi, I. (2025). Implementasi Chatbot sebagai Solusi Inovatif dalam Pelayanan Akademik. *Journal of Cyber Health and Computer*, 3(1), 25–29. <https://doi.org/10.64163/jochac.v3i1.36>
- Albert, G. D., & Voutama, A. (2025). Pengembangan Chatbot Berbasis Pdf Menggunakan Local Retrieval-Augmented Generation (RAG) Dan Ollama. *Jurnal Informatika Dan Teknik Elektro Terapan*, 13(2), 937–944. <https://doi.org/10.23960/jitet.v13i2.6361>
- Alfat, L., Hermawan, H., & Priambodo, R. (2025). Development of Academic Question-Answer System Based on Retrieval-Augmented Generation Using Local LLM and FAISS Index. *Jurnal Nasional Pendidikan Teknik Informatika (JANAPATI)*, 14(3), 666–678. <https://doi.org/10.23887/janapati.v14i3.104147>
- Alvin, A., Robet, R., & Tarigan, F. A. (2025). Implementasi Chatbot Otomatis Akademik Berbasis Web Menggunakan LLM dan Rule-Based System Studi Kasus: STMIK Time. *JIKO (Jurnal Informatika Dan Komputer)*, 9(3), 651–665. <https://doi.org/10.26798/jiko.v9i3.2209>
- Arthana, I. K. R., Gunantara, N., Sudarma, M., & Sukarsa, M. (2026). A Systematic Literature Review of Retrieval-Augmented Generation Implementation for Enhancing Large Language Models in Education. *Jurnal Nasional Pendidikan Teknik Informatika (JANAPATI)*, 15(1), 91–109. <https://doi.org/10.23887/janapati.v15i1.112281>
- Basallamah, M. A., Riza, L. S., & Anisyah, A. (2026). Pengembangan Chatbot Informasi Kesehatan Ibu dan Anak Jawa Barat Berbasis Hybrid RAG dan TextToSQL. *Jurnal Komputer Teknologi Informasi Sistem Informasi (JUKTISI)*, 4(3), 1895–1902. <https://doi.org/10.62712/juktisi.v4i3.783>
- Eirena, A., & Shah, N. (2025). A Hybrid RAG-Based Chatbot for University Customer Service: Combining Local LLM with Semantic Retrieval for Privacy and Real-Time Performance. *Journal of Logistics, Informatics and Service Science*, 12(8), 58–72. <https://doi.org/10.33168/JLISS.2025.0804>
- Elysia, S., & Herianto. (2024). Chatbot Berbasis Retrieval Augmented Generation (RAG) untuk Peningkatan Layanan Informasi Sekolah. *Journal Technology Information and Data Analytic*, 1(2), 52–58. <https://doi.org/10.70491/tifda.v1i2.52>
- Hamdhana, D. (2024). A Low Code Approach To Q&A On Care Records Using Flowise AI with LLM Integration And RAG Method. *JIPi (Jurnal Ilmiah Penelitian Dan Pembelajaran Informatika)*, 9(4), 2435–2445. <https://doi.org/10.29100/jipi.v9i4.6978>
- Hamdhana, D., Kaneko, H., Victorino, J. N., & Inoue, S. (2024). Improved Evaluation Metrics for Sentence Suggestions in Nursing and Elderly Care

- Record Applications. *Healthcare (Switzerland)*, 12(3), 1–23. <https://doi.org/10.3390/healthcare12030367>
- Hasanuddin, Asgar, H., & Hartono, B. (2022). Rancang Bangun Rest Api Aplikasi Weshare Sebagai Upaya Mempermudah Pelayanan Donasi Kemanusiaan. *JINTEKS (Jurnal Informatika Teknologi Dan Sains)*, 4 (1), 8–14. <https://doi.org/10.51401/jinteks.v4i1.1474>
- Hasibuan, Y. E., & Zakir, A. (2026). Intelligent Chatbot For Enhancing Academic Consultation Services In Vocational Schools Using Natural Language Processing. *Jurnal Kecerdasan Buatan Dan Teknologi Informasi*, 5(1), 26–33. <https://doi.org/10.69916/jkbti.v5i1.389>
- Herman, Yulianto, A., & Lim, S. (2023). Analisa Aplikasi Chatbot Untuk Pertanyaan Umum Terkait Universitas Di Universitas Xyz. *Jurnal Pendidikan Teknologi Informasi (JUKANTI)*, 6(2), 415–437. <https://doi.org/10.37792/jukanti.v6i2.1069>
- Kachhwal, A., Gupta, S., Jangid, A., & Sharma, A. (2025). A Multi-Modal Hybrid Search System using RAG and Text2SQL for Semantic Information Retrieval. *Anshul Kachhwal*, 13(2), 1–9. https://www.ijset.in/wp-content/uploads/IJSET_V13_issue2_450.pdf
- Kartamanah, F. F., Atmadja, A. R., & Budiman, I. (2025). Analyzing PEGASUS Model Performance with ROUGE on Indonesian News Summarization. *Sinkron : Jurnal Dan Penelitian Teknik Informatika*, 9(1), 31–42. <https://doi.org/10.33395/sinkron.v9i1.14303>
- Lubis, A. T. U. BR., Harahap, N. S., Agustian, S., Irsyad, M., & Afrianty, I. (2024). Question Answering System pada Chatbot Telegram Menggunakan Large Language Models (LLM) dan Langchain (Studi Kasus UU Kesehatan). *MALCOM: Indonesian Journal of Machine Learning and Computer Science*, 4(3), 955–964. <https://doi.org/10.57152/malcom.v4i3.1378>
- Matveev, I. (2026). *Token-Oriented Object Notation vs JSON: A Benchmark of Plain and Constrained Decoding Generation*. 1–9. <https://doi.org/10.48550/arXiv.2603.03306>
- Maulana, M. R., Harahap, N. S., Okfalisa, O., & Yusra, Y. (2025). Implementasi Chatbot Tafsir Al-Qur'an Menggunakan Chainlit dengan Pendekatan Groq. *MALCOM: Indonesian Journal of Machine Learning and Computer Science*, 5(3), 920–929. <https://doi.org/10.57152/malcom.v5i3.2082>
- Pangestu, A., Hamdhana, D., & Suwanda, R. (2026). Student Academic Consultation Chatbot Using Meta AI Large Language Models and Retrieval-Augmented Generation. *Journal of Artificial Intelligence and Software Engineering*, 6(1), 26–36. <https://doi.org/10.30811/jaise.v6i1.8875>
- Prasojo, B., Huda, M., Khasanah, I. N., & Wahyuningsih, E. (2024). Aplikasi Chatbot Berbasis Telegram Untuk Layanan Informasi Dan Akademik Kampus Universitas Ma'arif Nahdlatul Ulama Kebumen. *Jurnal Informatika Dan*

- Teknik Elektro Terapan*, 12(2), 893–902.
<https://doi.org/10.23960/jitet.v12i2.4013>
- Pujiono, I., Agtyaputra, I. M., & Ruldeviyani, Y. (2024). Implementing Retrieval-Augmented Generation And Vector Databases For Chatbots In Public Services Agencies Context. *JITK (Jurnal Ilmu Pengetahuan Dan Teknologi Komputer)*, 10(1), 216–223. <https://doi.org/10.33480/jitk.v10i1.5572>
- Salamun, S., Aldi Aprialdo, & Sukri. (2024). Optimasi Chatbot dengan Pemanfaatan Natural Language Processing. *Jurnal Komputer Terapan*, 10(1), 17–26. <https://doi.org/10.35143/jkt.v10i1.6181>
- Samudra, G., Turmudi Zy, A., & Ermanto. (2025). Implementasi Retrieval Augmented Generation (RAG) Dalam Perancangan Chatbot Kesehatan Pencernaan. *JSAI: Journal Scientific and Applied Informatics*, 8(1), 181–188. <https://doi.org/10.36085/jsai.v8i1.7678>
- Santosa, I., Edi Sutoyo, & Rahmat Fauzi. (2023). Pengembangan Ulang Sistem Informasi Akademik SMK demi Pemanfaatan dan Peningkatan yang Berkelanjutan. *Warta LPM*, 26 (2), 146–156. <https://doi.org/10.23917/warta.v26i2.1461>
- Suraya, & Sholeh, M. (2022). Designing and Implementing a Database for Thesis Data Management by Using the Python Flask Framework. *International Journal of Engineering, Science and Information Technology*, 2(1), 9–14. <https://doi.org/10.52088/ijesty.v2i1.197>
- Susanto, A. S., & Lisana, L. (2025). Chat AI LLM (*Large Language Model*) di Universitas: Tinjauan Sistematis terhadap Variabel Pendorong Adopsi, Kerangka Teoritis, dan Tren Global. *JURNAL LOCUS: Penelitian & Pengabdian*, 4 (10), 9380–9398. <https://doi.org/10.58344/locus.v4i10.4324>
- Suwanda, R., Anshari, S. F., & Ningsih, W. (2024). Information System for Operational Goods Management at the Career Guidance and Entrepreneurship Center Malikussaleh University. *Jurnal Inotera*, 9(1), 164–169. <https://doi.org/10.31572/inotera.vol9.iss1.2024.id324>
- Tan, W.-C. (2023). *Unstructured and structured data: Can we have the best of both worlds with large language models?* 1–8. <http://arxiv.org/abs/2304.13010>
- Wintoro, P. B., Hermawan, H., Muda, M. A., & Mulyani, Y. (2022). Implementasi Long Short-Term Memory pada Chatbot Informasi Akademik Teknik Informatika Unila. *EXPERT: Jurnal Manajemen Sistem Informasi Dan Teknologi*, 12(1), 68–75. <https://doi.org/10.36448/expert.v12i1.2593>