

# AHMAD DHANI

085156253900 | ahmaddhani7901@gmail.com | www.linkedin.com/in/ahmad-dhani-8ab26b300 | https://amddhani.my.id/

Jalan Bangau Sakti, Kec. Bina Widya, Kota Pekanbaru

Recent Information Systems graduate blending hands-on internship experience at BPS Riau with strong communication skills from student committees. Proven ability to build intelligent systems, featuring expertise in NLP machine learning models and scalable web development. Passionate about continuous learning and ready to bring data-driven insights and software solutions to a forward-thinking tech team.

## Pengalaman Kerja

### Badan Pusat Statistik Provinsi Riau - Pekanbaru, Indonesia

Jan 2025 - Feb 2025

#### Data Analysis / Web Development Intern

The Central Bureau of Statistics (Badan Pusat Statistik/BPS) is a non-ministerial government agency in Indonesia responsible for providing official statistical data to support development planning, policy evaluation, as well as the needs of society and businesses.

- Developed and deployed an internal web-based monitoring system using Laravel, streamlining the data tracking process and improving reporting efficiency for the department.
- Designed and optimized relational database structures (MySQL) to securely store, manage, and retrieve regional statistical data with high accuracy.
- Collaborated closely with supervisors and administrative staff to translate organizational needs into a fully functional, user-friendly system within a concise 2-month internship period.

## Jenjang Pendidikan

### Universitas Riau - Pekanbaru, Indonesia

Aug 2022 - Jun 2026

#### Bachelor of Computer Science, 3.74/4.00

- Awardee: Digital Talent Scholarship (DTS) Awardee 2023 & 2024 – Ministry of Communication and Informatics (Kominfo)
- Relevant Coursework: Data Structures, Relational Database Management Systems (RDBMS), Data Analysis, Data Engineering, Cloud Computing,
- Artificial Intelligence, and Web Programming.
- Final Thesis: Developed an NLP-based plagiarism detection system, implementing robust data processing pipelines and text-mining algorithms utilizing Vector Space Models, TF-IDF, and Cosine Similarity.
- Activities: Actively engaged in student advocacy through the Computer Science Student Association (HIMA), and consistently participated in national-level tech competitions, intensive IT bootcamps, and cloud computing skill tracks.

## Pengalaman organisasi

### Himpunan Mahasiswa Ilmu Komputer Universitas Riau - Pekanbaru

Jun 2023 - Dec 2023

#### Staff Biro Pengkajian Dinas Advokasi

- Represented students in communicating academic and non-academic concerns to the institution.
- Collected and analyzed student aspirations to develop appropriate advocacy initiatives.
- Collaborated with organizational members to plan and implement advocacy programs and campaigns.
- Strengthened skills in communication, negotiation, and problem-solving through direct interaction with students and campus stakeholders.

## Skills, Project, Achievements & Certification

- **Achievements** 🏆: Top 39 National – Data Science Competition "From Data to Decisions" (Talent Scouting Academy, Kominfo) — Achieved Top 39 nationwide out of leading universities. Successfully completed a 135-hour intensive training program applying Data Science and AI to solve real-world challenges.
- **Projects** 🏆: Conducted exploratory data analysis on U.S. crime datasets and generated data-driven security recommendations, contributing to a Top 39 National Ranking in the TSA Kominfo Data Science Competition 2024.
- **Projects**: NLP-Based Plagiarism Detection System (AI/Backend Developer), Developed an NLP-based plagiarism detection system for academic abstracts at Universitas Riau using Sastrawi, TF-IDF, VSM, and Cosine Similarity to automate document similarity assessment.
- **Projects** 🏆: Internal Data Monitoring Web Application (Full-Stack Web Developer), Developed a Laravel and MySQL-based monitoring system during an internship at BPS Provinsi Riau to automate regional statistical data tracking and reporting processes.

- **Projects**: SIPEMTRA: Travel Ticket Booking System (Full-Stack Web Developer), Built a travel ticket booking platform for PT Tran Prima using Laravel, PHP, and MySQL, featuring schedule management, reservation processing, and booking administration.
- **Projects** 🟡: AI-Powered Document Analysis Chatbot (AI Developer), Built a Streamlit-based document analysis chatbot using Gemini API, enabling PDF summarization, information extraction, and document-based question answering.
- **Soft Skills** : Analytical Thinking, Problem Solving, Data- Driven Decision Making, Effective Communication, Team Collaboration, Adaptability.
- **Hard Skills**: Python, Java, PHP, Laravel, JavaScript, HTML/CSS, SQL, MySQL, Git, GitHub, REST API Development, Object-Oriented Programming (OOP), Data Analysis, Data Visualization, Machine Learning, Natural Language Processing (NLP), Information Retrieval, TF-IDF, Cosine Similarity, Naive Bayes, Tableau, Google Cloud Platform (GCP), Oracle Cloud Infrastructure (OCI), Database Design, API Integration.
- **Certification** 🟡: Java Fundamental & Java Programming - Talent Scouting Academy Digital Talent Scholarship (2023), Oracle Database Foundations - Oracle Academy (2023), Oracle Cloud Infrastructure Foundation I & II - Talent Scouting Academy Digital Talent Scholarship (2024), Oracle Cloud Infrastructure 2023 Certified Foundations Associate - Oracle (2024), Kompetisi Data Science: From Data to Decisions - Talent Scouting Academy Digital Talent Scholarship (2024), Belajar Dasar Visualisasi Data - Dicoding Academy (2024), Basic Occupational Health and Safety (K3) Training - MIB (2025), Code Generation and Optimization Using IBM Granite - IBM SkillsBuild (2025), LLM-Based Tools & Gemini API Integration for Data Scientists - MBA2 (2026).