

# YAHYA FIRDAUS

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Bandung, Indonesia

Bachelor of Computer Science from Universitas Pendidikan Indonesia with strong expertise in Back End development. Skilled in PHP, Python, Java, JavaScript, Go, and C#, with experience in frameworks such as Laravel, Echo, Next.js, ASP.NET, Django, and Flask. Interests include NLP and Data Engineering. Nearly 5 years of experience in the areas mentioned above. Adaptable team player with a passion for continuous learning and growth.

## Work Experiences

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### Delman.io - South Jakarta

May 2025 - Sep 2025

#### Backend Developer

- SAM LCM / PTEN | May 2025 – Sep 2025 | Backend Developer (Data) | Delman Data Lab. Developed documentation and gained a comprehensive understanding of database structures. Processed data within the data warehouse and prepared it for visualization in Tableau. Additionally, created SIT (System Integration Testing) documentation to support project workflows.
- Binus / Binus | May 2025 – Sep 2025 | Backend Developer (Website) | Python (Flask), Cursor. Performed website maintenance and managed database operations. Identified and resolved existing errors to ensure system reliability. Produced technical documentation to support ongoing development and operational tasks.

### PT Netpolitan - Tangerang

May 2024 - May 2025

#### Django Developer

- LMS Allianz / Allianz | May 2024 – May 2025 | Django Developer | Python (Django), PostgreSQL, Java (Spring Boot), Docker, GCP. Developed and maintained a comprehensive Learning Management System for Allianz, delivering robust web-based solutions to support their training infrastructure. Responsibilities included ongoing website maintenance, implementing custom features based on client requirements, and developing integration systems to enhance platform functionality. Successfully managed deployment processes and created comprehensive reporting systems with detailed documentation.
- LMS Permata / Permata | May 2024 – May 2025 | Django Developer | Python (Django), PostgreSQL, Docker. Led the development and maintenance of a Learning Management System for Permata, focusing on delivering high-quality web applications that met specific client needs. Key responsibilities encompassed website maintenance, feature development, deployment management, and comprehensive documentation creation to ensure optimal platform performance and reliability.
- LMS CIMB / CIMB | May 2024 – May 2025 | Django Developer | Python (Django), PostgreSQL, Google Colab, GCP, Docker. Spearheaded the development of a Learning Management System for CIMB, implementing advanced features and managing complex data migration processes. Delivered comprehensive web solutions including website maintenance, new feature development, automated reporting systems, and thorough documentation to support continuous platform improvement.
- LMS Bina Pertiwi / Bina Pertiwi | May 2024 – May 2025 | Django Developer | Python (Django), PostgreSQL, Docker. Developed and maintained a Learning Management System for Bina Pertiwi, ensuring seamless functionality and continuous improvement of web-based learning solutions. Responsibilities included website maintenance, new feature development, deployment management, and creation of automated systems with comprehensive documentation to support operational excellence.
- LMS Hana Bank / Hana Bank | May 2024 – May 2025 | Django Developer | Python (Django), PostgreSQL, Docker. Delivered a comprehensive Learning Management System for Hana Bank, managing complex development processes including website maintenance, new feature implementation, and data migration. Successfully created automated reporting systems and maintained detailed documentation throughout the project lifecycle to ensure robust and scalable platform performance.

### Radya Digital - Bandung

Jan 2022 - Oct 2023

#### Web Developer

- Ezmibus / APL | Jan 2022 – Sep 2022 | Web Developer | C# (ASP .NET), SQL Server, Ocelot, Docker, Kubernetes. Transformed a monolithic website into a microservice architecture for APL, delivering scalable and maintainable web solutions. Responsibilities included creating required APIs, designing and implementing new database structures, and managing deployment processes. Successfully utilized modern technologies including C# (ASP .NET), SQL Server, Ocelot API Gateway, Docker, and Kubernetes to ensure optimal performance and system reliability.
- Chatbot Sales Frissian Flag / Frissian Flag | Sep 2022 – Apr 2023 | Chatbot Developer | XAML (platform.kata.ai), C# (ASP .NET), SQL Server, Qiscus. Developed and deployed an intelligent chatbot solution for Frissian Flag's sales operations, creating an interactive customer engagement platform. Key responsibilities included chatbot development, admin page creation, database structure design, comprehensive documentation, and ongoing deployment and maintenance. Leveraged XAML (platform.kata.ai), C# (ASP .NET), SQL Server, and Qiscus integration to deliver seamless conversational experiences.
- Chatbot Mitsubishi / Mitsubishi | Apr 2023 – Oct 2023 | Chatbot Developer | XAML (platform.kata.ai), C# (ASP .NET), SQL Server, Qiscus. Maintained and enhanced chatbot systems for Mitsubishi, ensuring continuous functionality and optimal performance of conversational AI solutions. Responsibilities encompassed chatbot maintenance, admin page management, technical documentation creation, and deployment processes. Utilized XAML (platform.kata.ai), C# (ASP .NET), SQL Server, and Qiscus technologies to maintain robust and reliable chatbot operations.

## PT. Ciheul Technologies - Bandung

Feb 2021 - Jan 2022

### Software Engineer

- Website TNI / TNI | Feb 2021 – Jan 2022 | Software Engineer | Python (Django), PostgreSQL. Contributed to the development and maintenance of the TNI website, ensuring its operational efficiency and functionality. Responsibilities included performing ongoing website maintenance, initiating new projects using existing templates, creating comprehensive documentation, and managing deployment processes. Utilized Python (Django) and PostgreSQL to deliver robust web solutions.

## NLP LCI - Bandung

Jan 2021 - Feb 2021

### NLP Engineer

- Speech Recognition and Text to Speech / NLP LCI | Jan 2021 – Feb 2021 | NLP Engineer | Python (Flask), SQLite, CMUSphinx. Conducted comprehensive research related to Speech Recognition and developed robust models utilizing CMUSphinx. Implemented Text to Speech functionalities and seamlessly integrated the developed models into a functional website. Successfully managed the deployment process to ensure the system's operational readiness.

## SCCIC ITB, Indihealth - Bandung

Sep 2020 - Nov 2020

### Mobile Developer

- Konsultasi Dokter / Indihealth, LintasArta | Sep 2020 – Nov 2020 | Mobile Developer | Kotlin (Android Studio). Developed and maintained a mobile application for doctor consultation services, ensuring seamless functionality and user experience. Responsibilities included application maintenance and creating comprehensive API documentation to support system integration. Utilized Kotlin with Android Studio to deliver robust mobile solutions for healthcare consultation platforms.

## Bio Farma - Bandung

Sep 2019 - Feb 2020

### Web Developer

- Kartu Imunisasi Digital / PT Bio Farma | Sep 2019 – Feb 2020 | Web Developer | C# (ASP.NET), Microsoft SQL Server, Stored Procedure. Developed a comprehensive digital immunization card system for PT Bio Farma, delivering robust web-based solutions to support healthcare digitization initiatives. Responsibilities included creating detailed technical documentation, designing and implementing database structures, developing both user and admin websites, implementing stored procedures for data management, and managing deployment processes. Successfully utilized C# (ASP.NET), Microsoft SQL Server, and stored procedures to ensure secure and efficient healthcare data management.

## Education Level

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### Universitas Pendidikan Indonesia - Bandung, Indonesia

Jul 2016 - Nov 2020

#### Bachelor of Computer Science, 3.70/4.00

- Journal publication available at <https://link.springer.com/article/10.1007/s11042-023-15191-6>

## Organisational Experience

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### DINAMIK UPI 12 - Bandung, West Java

May 2017 - Dec 2017

#### Logistics Staff

Anniversary of the Computer Science Education Study Program at UPI.

### DINAMIK UPI 13 - Bandung, West Java

Apr 2018 - Aug 2018

#### Logistics Staff

Anniversary of the Computer Science Education Study Program at UPI.

### P2M Kemakom UPI

Jan 2018 - Feb 2018

#### Logistics Staff

A community service program involving direct engagement with the public.

### KSE UPI Try Out Event

Aug 2019 - Nov 2019

#### Head of Publication, Documentation, and Decoration Division

A nationwide tryout event for high school students held at UPI.

## Skills, Achievements & Other Experience

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- **Projects (2025):** Added new features and performed bug fixes for the AI-based website kreatif.ai, developed using React.js and incorporating various AI models.
- **Projects (2025):** Developed the report page and website maintenance menu for the website under development using Python Django framework and PostgreSQL database.
- **Projects (2024):** Developed an Android application using Android Studio with Java programming language for a Master's student project.

- **Modules Taken** (2025): Professional Certificate in Data Engineering, Udemy.
- **Hard Skills:** Databases: MS SQL Server, MySQL, PostgreSQL, MongoDB, Stored Procedures. Programming & Frameworks: Kotlin, Java (Android Studio, Spring Boot), Python (Flask, Django), PHP (CodeIgniter, Laravel), C# (.NET), JavaScript, Go (Echo). Other Skills: Chatbot development, Data engineer.
- **Interest:** NLP, Data Engineer, Machine Learning.