Arafil Azmi

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Fresh graduate with a Bachelor's degree in Informatics from Universitas Negeri Padang, passionate about building impactful digital solutions through Full-Stack Web Development and data-driven approaches. Skilled in designing scalable backend systems, creating intuitive front-end interfaces, and delivering end-to-end web applications. Hands-on experience in data science, machine learning, and AI-driven solutions, capable of extracting insights from complex datasets and developing predictive models to drive innovation. Eager to apply technical skills in solving real-world problems and continuously learning in dynamic environments.

Education

Padang State Uninversity   West Sumatera, Indonesia
Bachelor in informatics | GPA: 3.78 / 4.00   2021 - 2025

- Achieved a GPA of 3.78/4.00 in the Informatics Education program, demonstrating strong academic performance and commitment to continuous learning.
- Conducted a final-year thesis "Sentiment Analysis of Bibit Application User Reviews Using Naive Bayes and K-Nearest Neighbors (KNN)", contributing to the development of machine learning-based sentiment analysis methods and providing data-driven insights to improve fintech service quality.
- Demonstrated strong interest in data analysis and machine learning by applying research findings to generate actionable insights on algorithm performance and its impact on real-world text sentiment classification.

State Senior High School 113 Jakarta   East Jakarta, Indonesia
High School in Natural Science Program (IPA)   2017 - 2020

Work Exprerience

PT Collega Inti Pratama   Jakarta, Indonesia
Programmer, Internship   Oct 2024 - Nov 2024

Worked as a Full-Stack Developer on the E-Polis web application project, a digital insurance platform. Responsible for both frontend and backend development, including designing and implementing features, integrating APIs, and ensuring seamless user experience.

- Frontend: Developed responsive and interactive interfaces using Vue.js and JavaScript.
- Backend: Built and maintained RESTful APIs with Java Spring Boot and managed data operations using PostgreSQL.
- Collaborated with cross-functional teams to deliver high-quality, secure, and scalable solutions within project timelines.

PT Properti Sekuriti Indonesia   Jakarta, Indonesia
Security Systems Engineer, Contract Employee   Dec 2020 - Feb 2021

- Designed, installed, and configured security systems including CCTV and alarm devices, ensuring optimal performance through preventive maintenance.
- Diagnosed and repaired faults or malfunctions in security systems promptly and effectively.

Certification

- Java Pemograman Dasar - GameLab Indonesia (Nov 2025 - Nov 2028)
- Go Pemograman Dasar - GameLab Indonesia (Nov 2025 - Nov 2028)
- Belajar Prinsip Pemrograman SOLID - Dicoding (Oct 2025 - Oct 2028)
- Data Classification and Summarization Using IBM Granite - IBM (Oct 2025)
- Getting Started with Data - IBM (Oct 2025)
- Machine Learning for Data Science Projects - IBM (Oct 2025)
- Memulai Pemrograman dengan C - Dicoding (Oct 2025 - Oct 2028)
- Memulai Pemrograman dengan Java - Dicoding (Oct 2025 - Oct 2028)
- Web Development Fundamentals - IBM (Oct 2025)
- HUAWEI TALENT - HCIA-AI V3.5 - Huawei (Dec 2024)
- International Public Lecture - Generative AI and The Future of Education - Universitas Negeri Padang (Nov 2023)
- MikroTik Certified Network Associate (MTCNA) - MikroTik (Jun 2023 – Jun 2026)
- Digital Skill Fair 12.0 - Dibimbing - 2022

Skills

Soft Skill

- Communication & Team Collaboration
- Time Management
- Problem-Solving & Critical Thinking
- Adaptability & Fast Learning
- Leadership
- Hardworking and Dedicated

Hard Skill

- Web Development: Vue.js, HTML, CSS, Javascript, Bootstrap, React.js (Basic)
- Backend Development: Laravel, Node.js, Java Spring Boot, API Development (REST API), API Testing, Authentication & Authorization, Web Deployment & Web Hosting
- Databases: PostgreSQL, MySQL, MongoDB
- Programming Languages: Python, Java, C, C++, Go (Basic)
- Data Science & Machine Learning: Data Analysis, Data Visualization, Data Modeling, Sentiment Analysis, Machine Learning Algorithms

Software Skill

- Productivity & Office Tools: Microsoft Word, Excel, Power Point
- Development Tools: Visual Studio Code, IntelliJ IDEA, Git & GitHub, Postman
- Data Science Tools: RStudio, Jupyter Notebook, Google Colab
- Database Tools: PostgreSQL, MySQL, MongoDB

Organization

Teaching Factory (TEFA)   **Padang State University, Indonesia**
Member   2020

Participated as a member in the Teaching Factory program, focusing on deepening skills in web programming. Developed several projects to enhance expertise in web development using preferred and proficient programming languages.

Project Based Learning

Church Stage Service Scheduling System (2025)

Developed a web-based scheduling system for church stage services using Laravel. The system manages data on service periods, musical instruments, and personnel, and employs a Genetic Algorithm to automatically generate optimized schedules, ensuring fair distribution and efficiency in service planning.

Sentiment Analysis of Bibit App Reviews (2025)

Conducted sentiment analysis on user reviews of the Bibit investment app using Naïve Bayes and K-Nearest Neighbors (KNN) algorithms, providing insights into user perceptions and algorithm performance.

E-Polis Insurance System (2024)

Developed a full-stack web application for managing digital insurance policies using Vue.js (frontend), Java Spring Boot (backend), and PostgreSQL. Implemented API integration and ensured a secure, scalable system.

Galaxy Store (2024)

Built an innovative mobile application using Flutter and Firebase that enables users to book mobile game boosting services easily and securely.

Weather App (2023)

Created a weather application using Node.js, integrated with weather API and IP address API for location-based forecasts.

Coffee Shop Management System (2023)

Implemented an innovative management system for a coffee shop using PHP and Bootstrap to streamline operations.

Concert Ticket Booking CRUD System (2022)

Designed a CRUD-based ticket booking system with PHP, providing a simple, secure, and efficient user experience.

Data Hashing – SHA-256 (2022)

Applied SHA-256 cryptographic algorithms to enhance data security and protect sensitive information.

Java Object-Oriented Programming Applications (2022)

Developed multiple programs using object-oriented programming principles in Java for various case studies.

House Price Prediction using Linear Regression

Built a property price prediction model with Linear Regression to provide price estimates for buyers and sellers.

COVID-19 Spread Forecasting with ARIMA

Applied ARIMA modeling to forecast COVID-19 spread trends, aiding in prevention and control strategies.