FARIS ALFARIZI

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SUMMARY

A highly motivated and detail-oriented Informatics Engineering student at Universitas Komputer Bandung with a strong passion for full-stack web development. Proficient in building responsive and user-friendly web applications using modern technologies like JavaScript (React, Node.js) and working with SQL/NoSQL databases. Possesses a keen and growing interest in leveraging Data Science and Machine Learning using Python to create more intelligent and data-driven solutions. Eager to apply problem-solving skills and contribute to impactful projects in a challenging environment.

EDUCATION

Bachelor of Informatics Engineering   **Expected Graduation: 2026**

Universitas Komputer Indonesia
- GPA: 3.71/4.00
- Relevant Courses:
    - Data Structures and Algorithms
    - Web Programming
    - Basic Data Science Programming
    - Object-Oriented Programming
    - Software Engineering
    - Artificial Intelligence for Data Science
    - Machine Learning
    - Data Mining, Text Mining, Features Engineering

CERTIFICATIONS

Dicoding Academy - Belajar Dasar Pemrograman JavaScript   **Sept 2024 - Sept 2027**
- Learned core JavaScript concepts including syntax, OOP, functional programming, and asynchronous processes.
- Emphasis on reusable code practices, modularization, and code quality.
- Completed 46 hours of training with hands-on projects.
- Certificate Link: dicoding.com/certificates/2VX342OGQZYQ

Dicoding Academy - Belajar Back-End Pemula dengan JavaScript   **Oct 2024 - Oct 2027**
- Built RESTful APIs using Node.js and the Hapi framework.
- Deployed and tested web services on AWS EC2 using Postman.
- Final project: Bookshelf API with full CRUD operations.
- Certificate Link: dicoding.com/certificates/JMZV49VNOXN9

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Python, PHP, CSS.
- **Frameworks & Tools:** React, Next.js, Node.js, Tailwind CSS, Bootstrap, W3CSS, Hapi, Postman, Git.
- **Concepts:**
    - Back-End Development (RESTful APIs, CRUD Operations).
    - Front-End Development (HTML, React, Next.js, Tailwind).
    - OOP, Functional Programming, Asynchronous Processing.
    - Artificial Intellingence/Machine Learning using Python.

PROJECTS EXPERIENCE

Bookshelf API – Dicoding Final Submission Project

Back-End Development using Node.js & Hapi Framework
- Developed a fully functional RESTful API for a digital bookshelf application.
- Implemented Create, Read, Update, Delete (CRUD) operations.
- Handled request routing and payload validation.
- Deployed and tested the API on Amazon EC2 using Postman.
- Followed modular coding practices and used asynchronous programming concepts.

JavaScript Mini Projects – Dicoding JavaScript Class

Front-End Programming with Vanilla JavaScript
- Built reusable and modular functions for array manipulation and data structures.
- Applied Object-Oriented Programming to model real-world objects.
- Utilized Functional Programming paradigms for clean and maintainable code.
- Implemented asynchronous features using callbacks, Promises, and async/await.
- Maintained code quality with consistent styling and best practices.

Team-Based Web Development Project – Academic Assignment
- Collaborated with peers to design and develop a responsive website.
- Used HTML, CSS, JavaScript, and Bootstrap for front-end development.
- Contributed to UI/UX refinement and overall system integration.

Bapperida Kota Bandung FAQ Chatbot
[Live Demo](#) | [GitHub Repository](#)

Developed a lightweight FAQ-based chatbot for Bapperida (Badan Perencanaan Pembangunan Daerah) to provide quick and structured answers to frequently asked questions.
- Developed a responsive FAQ-based chatbot using React.js and JSON-based data structure.
- Implemented scrollable chat UI with formatted text rendering for better readability.
- Deployed to Vercel with a custom domain for production use.

Ril or Fek - AI Hoax Detection Web App for Indonesian News
[Live Demo](#) | [GitHub Repository](#) | [Model on Hugging Face](#)

Engineered and deployed a full-stack, AI-powered web application to classify Indonesian news articles as "Fact" or "Hoax" with 99.84% accuracy.
- Developed a responsive frontend with React.js & Tailwind CSS and a robust backend API using FastAPI (Python).
- Fine-tuned an IndoBERT Transformer model, achieving 99.84% accuracy, significantly outperforming a 95.65% accuracy baseline model.
- Implemented a dynamic feature to fetch and display the latest hoaxes in real-time via an RSS feed.
- Managed the end-to-end deployment of the application to a cloud platform (DigitalOcean App Platform).

ADDITIONAL INFORMATION

Languages: Bahasa Indonesia (Native), English (TOEFL ITP: 533 - Intermediate to Upper Intermediate)