

FERRY KHUSNIL ARIEF

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Front-end Developer | Deep Learning Enthusiast

I am an Informatics Technology student at Universitas Nahdlatul Ulama Lampung (Semester 7) with a GPA of 3.90/4.00. My technical expertise bridges Front-end Development and AI Research. I am experienced in building responsive Single Page Applications (SPA) using React and Tailwind CSS, alongside conducting academic research in Deep Learning and Computer Vision with Python and TensorFlow. I am eager to leverage my skills in software engineering and data analysis to solve real-world problems.

EXPERIENCE

Front-end Developer Portfolio Website — Personal Project October 2024 – Present *Tech Stack: React.js, Tailwind CSS, CSS Variables, Git*

- Developed a futuristic, high-performance portfolio using **React** and **Tailwind CSS**.
- Implemented robust dark/light mode with CSS variables and created a scalable, configuration-based data structure for easy content updates.

AI Researcher Comparative Analysis — InceptionV3, ResNet152V2, Xception October 2023 – February 2024 *Tech Stack: Python, TensorFlow, Keras, Deep Learning*

- Conducted performance analysis of multiple CNN architectures for image classification, focusing on accuracy versus inference time trade-offs.
- Documented comprehensive experiments and findings in GitHub to guide optimal model selection.

AI Implementation CNN for Animal Image Classification — Academic Project March 2023 – October 2023 *Tech Stack: Python, TensorFlow, Keras, Data Preprocessing*

- Built and trained Convolutional Neural Networks (CNN) using transfer learning and data augmentation to optimize model accuracy.
- Designed end-to-end training pipelines and evaluated models based on precision, recall, and overall efficiency.

Web Developer Maze Game (Browser Game) — Personal Project August 2022 – October 2022 *Tech Stack: HTML, CSS, JavaScript (Vanilla)*

- Developed a responsive browser-based game using vanilla **JavaScript**, implementing custom collision detection and player movement mechanics.
- Published optimized open-source code and gameplay documentation on GitHub.

EDUCATION

Universitas Nahdlatul Ulama Lampung (UNU Lampung) Undergraduate Student (Semester 7) *GPA: 3.90 / 4.00 Current*

SKILL

- Front-end Development: HTML5, CSS3, Tailwind CSS (Advanced), JavaScript ES6+ (Advanced), React.js (Intermediate), Responsive UI, Figma (Wireframing & Layout).
- Data Science & AI: Python (Intermediate), Deep Learning, CNN, TensorFlow, Keras, Image Classification, Data Preprocessing.
- Back-end & Tools: PHP, MySQL, Flask (Basic), REST API Integration, Git & GitHub (Advanced), VS Code.
- Soft Skills: Problem Solving, Attention to Detail, Research & Analys.

Visit My Portfolio: <https://my-portfolio-eta-ten-60.vercel.app/> or scan the QR code below

