

AIDIL BAIHAQI

An active student in the Informatics Engineering field with over 5 years of experience in full-stack web application development. Skilled in using technologies such as Laravel, Express.js, React, and Next.js to build efficient and scalable API-based systems. Possesses a strong understanding of system architecture, database management, and the application of clean code principles and application security. Results-oriented and collaborative across functions to create innovative and impactful digital solutions.

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EDUCATION

Universitas Maritim Raja Ali Haji, XC5V+627, Senggarang, Tanjung Pinang Kota, Tanjung Pinang City, Riau Islands
29115, 2023 - Present

Bachelor in Informatic Engineering | GPA: 3.72 / 4.00

Focused on web systems and applied artificial intelligence.

- **OBE Curriculum Information System – Web Developer (2024)** Selected among four candidates to develop the **Outcome-Based Education (OBE)** learning system platform. Designed and implemented core web architecture that supports academic evaluation and digital transformation for over **1,000 students and faculty members**.
- **Research in Bioinformatics & Machine Learning (2025 – Present)** Conducting applied research as a **Machine Learning Engineer** in bioinformatics, emphasizing :
 - Control of *Ralstonia solanacearum* using gene editing and lo-based detection via compound induction (3-OH-MAME).
 - Implementation of **metabarcoding classification** for mangrove species using ML-based algorithms, contributing to biodiversity monitoring and genomic data analysis.

WORK EXPERIENCE

● **Full Stack Developer** - Contract Employee

PT Arus Digital Sinergi | Tanjungpinang, Kepulauan Riau, March 2025 - September 2025

As a full stack web developer, i develop and build several static or dynamic website, integrate with mobile application (android or ios), gain trust with clients and others

● **Full Stack Freelance** - Contract Employee

PT Tunas Idea Indonesia | Batam, Kepulauan Riau, January 2022 - December 2024

Developed software solutions and marketing tools tailored to client needs, ensuring high performance and user satisfaction

● **Informatic Club Mentor** - Contract Employee

SMA Negeri 1 Bintan Timur | Bintan, Kepulauan Riau, August 2024 - November 2024

Mentored students on programming fundamentals, operating systems, Python, basic artificial intelligence, and computer vision.

● **Content Creator** - Contract Employee

CV Lukan Group | Padang, Sumatera Barat, December 2023 - July 2024

Created programming course videos for the "Lukan Anak IT" YouTube channel, simplifying complex topics for beginner programmers.

Full Stack Developer - Permanent Employee

Risalah Maritim Journalism Organizational | Tanjungpinang, Kepulauan Riau, May 2023 - November 2025

Designed, developed, and maintained digital platforms to support student journalism organizational activities, including websites, mobile apps, and content management systems. Conducted needs analysis, design, development, testing, and maintenance.

INTERNSHIP EXPERIENCE

Junior Web Developer -

PT Investree | Singapore, May 2023 - June 2023

Completed several dynamic web and REST API projects using Laravel 10 and related packages, incorporating Laravel UI with React JS.

ORGANIZATION

Tim WAT - Technology & Innovation Group - Project Manager & Full Stack Developer

Tanjungpinang, Kepulauan Riau, 2025 - Present

Team WAT is a multidisciplinary student innovation team specializing in web-based systems, AI integration, and digital cultural preservation projects. As a founding member and project lead, I have managed cross-functional collaboration between developers, designers, and researchers to deliver competitive technology solutions.

Key Contributions & Achievements:

- **Led 5+ major digital projects**, including *BengkelAI* (AI-powered workshop ecosystem) and *Digital Museum Budaya Melayu (BudayaGo)*, reaching more than **2,000 cumulative platform users** during pilot testing.
- **Secured multiple national recognitions**, including **1st Place in Entrepreneurship Competition 2025** and **Top 10 Finalist at ID Fest Developer Day Jakarta 2025** among over 200 national teams.
- Directed **end-to-end software development cycles** using agile methods — from UI/UX prototyping, API development (Laravel & Next.js), to deployment and user validation.
- Coordinated a team of 3–6 members per project, ensuring 100% on-time deliverables across academic, competition, and research-based systems.
- Contributed to organizational branding and strategic pitching, improving project acceptance and visibility across competitions by **+40%** compared to previous submissions.

CERTIFICATION

- Certified Developer, Alibaba Cloud, Number: ACCD0173710100006451, Jan 28, 2026

AWARDS

- 1st Place – AI Entrepreneurship Competition, Universitas Maritim Raja Ali Haji, 2025
- Finalist – ID Fest Developer Day, Jakarta, Kementerian Komunikasi dan Digital Republik Indonesia, 2025
- 1st Place - Festival Open Source Software, Batam, Batam Linux User Group, Politeknik Negeri Batam, 2025
- 2nd Place – Festival Open Source Software, Batam, Batam Linux User Group, Politeknik Negeri Batam, 2024
- 1 of 1100 programmers invited to the Baparekraf Developer Day, Yogyakarta, Kementerian Pariwisata dan Ekonomi Kreatif, 2024

SKILL

Soft Skill	Coaching & Mentoring, Public Speaking, Critical Thinking, Problem Solving, Research
Hard Skill	Web Development, RESTful API Design, Database Design & Optimization, System Architecture, UI/UX Implementation, Data Preprocessing, Machine Learning Model Development, Model Evaluation, Technical Documentation, API Integration, Version Control
Software Skill	Laravel, Node.js, Express.js, Next.js, Tailwind CSS, Python, Figma, MySQL, Git, WordPress

LANGUAGE

English	Indonesian
Intermediate	Proficient