

USAMAH ABDUL AZIZ

Banten, Indonesia | ikmal.usamah@gmail.com | +6281284062693 | [linkedin.com/in/usamah-abdul-aziz/](https://www.linkedin.com/in/usamah-abdul-aziz/)

A self starter and hard working individual with an educational background in Informatics. Actively involved in various project with various topic ranging from web development, mobile development machine learning, data analytics. Experience in multiple role from fullstack, business analyst, and project manager. Skilled in leadership, problem solving, and public speaking with good adaptability to work as an individual and a team player. Interested in environmental issues such as renewable energy, and materials.

EDUCATION LEVEL

Universitas Sultan Ageng Tirtayasa

2023 - Present

Bachelor's degree – Informatics

SMA Negeri 1 Kota Serang

2020 - 2023

Mipa

WORK EXPERIENCE

PT. Krakatau Information Technology – Business Development Division

Jan – June 2026

Internship Student

PT. Krakatau Information Technology (KIT) is an IT subsidiary of PT Krakatau Steel, providing digital transformation and technology solutions across various industries.

- Developed a full-stack project management web application using Laravel framework and MySQL, integrating various third-party packages to meet complex business requirements.
- Conducted system analysis to define future software requirements, and designed detailed feature development flows ahead of implementation.
- Acted as a project manager, managing team members within the same project to ensure timely delivery, smooth deployment, and conflict-free development workflows. Study and apply process flow diagrams of utility systems to understand the distribution paths of steam, water, and compressed air throughout the plant area.
- Prepared a final internship report documenting the full development lifecycle of the project management system, including technical architecture, feature implementation progress, and system analysis findings as an internal reference for the Business Development Division.

Freelance Software Developer – Full-Stack Developer & Business Analyst

Early 2024 – Present

Independent

Independent freelance practice delivering end-to-end software products across web and mobile platforms, handling everything from ideation to deployment.

- Built a full-stack e-commerce web application facilitating the purchase of Robux (Roblox in game currency), handling both front-end interface and back-end transaction logic.
- Developed a mobile application leveraging machine learning to identify and track the remaining shelf life of fruits, vegetables, and food items through image recognition.
- Took ownership of the full product lifecycle from business ideation and flow planning to growth strategy serving as both technical developer and business planner across projects.

Private Tutor - Academic Tutor

Okt 2024 - Present

Independent

Self-employed private tutor serving high school students across multiple subjects, tailoring teaching methods to individual learning needs.

- Delivered one-on-one tutoring sessions in Mathematics, Chemistry, Physics, and English to high school students.
- Adapted lesson materials and explanations to each student's pace and learning style to maximize academic performance.
- Maintained consistent scheduling and progress tracking to support students in preparation for exams and coursework.

ORGANIZATIONAL EXPERIENCE

Himpunan Mahasiswa Informatika FT UNTIRTA (HMIF FT UNTIRTA)

2025 – Present

Head of Department of Internal Affairs

HMIF FT UNTIRTA is the student association for Informatics Engineering at the Faculty of Engineering, Sultan Ageng Tirtayasa University, serving as the central organization for academic, social, and professional development of its members.

- Overseeing three internal divisions, ensuring each division operates according to its designated roles and responsibilities.
- Guiding and directing all division heads and members to understand their individual tasks and contribute effectively within the department.
- Maintaining inter-division coordination and communication to sustain organizational cohesion and productivity.
- Regularly communicated with the board of directors to discuss, escalate, and resolve internal issues affecting the organization.

Himpunan Mahasiswa Informatika FT UNTIRTA (HMIF FT UNTIRTA)

2024 – 2025

Head of Evaluation Division, Department of Internal Affairs

HMIF FT UNTIRTA is the student association for Informatics Engineering at the Faculty of Engineering, Sultan Ageng Tirtayasa University, serving as the central organization for academic, social, and professional development of its members.

- Designed and developed evaluation parameters tailored to each department's workflow to enable objective and structured performance assessments.
- Conducted fair and confidential evaluations of all members, maintaining integrity throughout the assessment process.
- Collaborated across departments and maintained active communication with all members to support a transparent evaluation culture.
- Recognized as Best Member of the Department of Internal Affairs (2025) for outstanding contribution and performance.
- Coordinated the end-of-period Best Member Award, managing the confidential selection process and ceremonial announcement for all departments.

PROJECT

Project Management System – Full-Stack Web Application

Developed a comprehensive project management web application during internship at PT Krakatau Information Technology using Laravel and MySQL. The system was designed to support complex business workflows from project planning, task management, progress tracking, until project completion. Integrated multiple third-party packages and implemented scalable architecture to support enterprise-level requirements. Also involved in business flow analysis, feature planning, and deployment coordination.

Robux E-Commerce Platform – React & Automation System

Built a full-stack e-commerce platform for buying and selling Robux using React for the front-end and automated transaction systems for purchase fulfillment. The platform handled user authentication, order management, payment flow, and automated bot-based delivery processes to improve transaction efficiency and reduce manual operations.

3F Mobile Commerce Application – Mobile Developer

Developed a mobile commerce application named “3F” featuring separate interfaces for consumers and sellers. Implemented complete buying and selling functionalities including product management, transaction handling, user authentication, order tracking, and role-based dashboard experiences optimized for mobile users.

WasteLessEats – AI-Based Food Shelf-Life Detection App

Developed a mobile application leveraging machine learning and image recognition to estimate the remaining shelf life of food products through camera input. The application aimed to reduce food waste by helping users identify freshness levels of fruits, vegetables, and other food items using AI-powered analysis.

SKILLS, ACHIEVEMENTS & OTHER EXPERIENCE

Certifications:

- Introduction to Data Science – Cisco
- Cloud Computing – Digital Talent Scholarship
- AWS Academy Graduate – AWS Academy Cloud Architecture (Amazon Web Services)
- AWS Academy Graduate – AWS Academy Cloud Foundations (Amazon Web Services)
- AWS Knowledge: Cloud Essentials – Amazon Web Services

Speaker Experience:

Speaker at Synchronize Event (November 2025) discussing ethics within academic communities and the importance of responsible behavior in academic environments.

Languages:

- Indonesian — Native Proficiency
- English — Professional Working Proficiency

Hard Skills:

- Full-Stack Web Development
- Mobile Application Development (Android)
- Laravel, React, MySQL
- Python Programming
- Business Analysis & System Design
- Machine Learning Fundamentals
- Data Analytics & Power BI
- Microsoft Excel, Word, PowerPoint

Soft Skills:

- Leadership
- Teamwork & Collaboration
- Public Speaking
- Critical Thinking
- Problem Solving
- Time & Team Management
- Adaptability & Communication