

Khonif Zakaria

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Summary

Fresh graduate in Informatics from Universitas Amikom Purwokerto with hands-on experience developing **web**, **mobile**, and **game applications** through academic and personal projects. Proficient in **TypeScript**, **React**, **Next.js**, **Node.js**, **Laravel**, **Flutter**, **MySQL**, and **Git/GitHub**, with additional experience in **C#** and **Unity Engine**. Committed to delivering **scalable and maintainable solutions** using software development best practices. Eager to apply my technical skills, learn new technologies, and contribute to innovative **software** and **game development** projects.

Projects

TechDrop 2026

- Educational game for learning computer hardware.
- Designed and developed a **desktop-based educational game** with **Unity Engine** using the **GDLC** methodology.
- Built **interactive learning materials**, **assembly simulations**, and **game-based exercises**; validated via **Black Box** and **Beta testing** (85% expert, 90.6% user scores).

News5 2025

- Laravel-based news portal.
- Developed a **web-based news portal** with **Laravel**, featuring **CRUD**, **role-based access control** for editors and journalists, and article publication workflows.
- Implemented **data validation** and **interactive comments and replies** with **Livewire**.

Capit Store 2025

- Next.js-based e-commerce application.
- Developed a **web-based e-commerce app** with **Next.js**, featuring **user authentication**, **role-based access**, and **product and inventory management**.
- Integrated **MongoDB**, **shopping cart**, **order processing**, **address management**, and **automatic stock updates**.

JBAG 2024

- Mobile game account marketplace application.
- Designed and developed **JBAG**, a **mobile app** for game account trading, with **Flutter** and **Dart**.
- Implemented core functionality and **testing**; managed source code with **Git** and **GitHub**.

ParkEazy 2024

- Desktop parking management application.
- Developed a **desktop-based parking management app** with **C#/.NET Framework** and **SQL Server**.
- Implemented **CRUD operations**, **user authentication**, **vehicle and space management**, **reservations**, and **parking status updates**.

Petualangan Si Tupat 2025

- 3D animation production.
- Contributed as **Producer**, **Rigging Artist**, and **Rendering Artist** on a 3D animation.
- Performed **character rigging** and **rendering** with **Autodesk 3ds Max**, **Mixamo**, **Adobe After Effects**, **Adobe Media Encoder**, and **Adobe Photoshop**.

“Pozard” Character IP 2024

- Character intellectual property (IP) development.
- Developed the **“Pozard” character IP**, creating its **character profile**, **background story**, **synopsis**, and **visual identity**.
- Grounded in **SWOT analysis**, **IP strategy**, and **market segmentation** for cross-media development.

Organizations

Information Technology Research And Multimedia (INMED)

2023

Programming Division

- Built **programming** and **software engineering** competencies through hands-on learning activities and projects in the Programming Division.
- Applied programming concepts across **web**, **desktop**, and **mobile** application development.
- Collaborated on team projects through **software design, implementation, testing, and evaluation**.
- Shared knowledge via **technical discussions** and collaborative project development.

Education

Universitas Amikom Purwokerto

2022 – 2026

BS in Informatics (S.Kom.), Banyumas, Central Java

- GPA: 3.78/4.00 (Cumlaude).
- Relevant coursework: Web Programming, Mobile Programming, Mobile Game Programming, Database Systems, Software Engineering, Operating Systems, Computer Networks, Artificial Intelligence, Machine Learning, Natural Language Processing, 2D & 3D Animation.
- Thesis: “Implementation of the Game Development Life Cycle (GDLC) Method in Developing an Educational Game for Introducing Computer Devices Using Unity Engine.”

SMK Ma'arif NU 1 Paguyangan

2019 – 2022

Vocational High School in Computer and Network Engineering, Brebes, Central Java

Certifications

Desktop Office Training (DOT)

2025

Applied Microsoft Office

English Certification Program

2025

Amikom Purwokerto University

Certificate in Artificial Intelligence Associate (CAIA)

2025

Logical Operations

Skills

Frontend: HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js

Backend: Node.js, Laravel

Databases: MySQL, MongoDB

Mobile & Game: Flutter, C#, Unity Engine

Design & Multimedia: Adobe (Photoshop, Illustrator, After Effects), CorelDRAW, Autodesk 3ds Max

Tools & Productivity: Git, GitHub, Postman, Microsoft Office (Word, Excel, PowerPoint), Google Workspace (Sheets, Docs, Slides)

Languages: Bahasa Indonesia (Native), English (Intermediate)

Soft Skills: Analytical Thinking, Critical Thinking, Problem Solving, AI Literacy, Adaptability, Continuous Learning, Attention to Detail.