

IDA BAGUS ADI TRIPALGUNA

Junior Front & Backend Developer

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PROFILE

A final-year Information Systems student specializing in Data Engineering, Software Engineering, and UI/UX Design. Proven track record in building end-to-end Python data pipelines, deploying Machine Learning models (K-Means), and architecting interactive business app prototypes from wireframes to high-fidelity designs. Demonstrates strong technical versatility across the stack, with practical expertise in hardware-software integration, Unity development, and home lab management (networking, server virtualization, and distributed systems). Adaptable and results-driven, ready to deliver scalable technology solutions in a global IT environment.

EDUCATION

SMK TI BALI GLOBAL
2020-2023

Multimedia

Focused on interactive digital media, visual communication, and 3D modeling using Adobe Photoshop, Illustrator, and Blender. Skilled in interactive multimedia design (DMI), Flash animation, and ActionScript logic to build a solid foundation in UI/UX principles, asset creation, and script-based interactivity for software development.

ITB STIKOM BALI
2023 - Present

Information Systems (Sistem Informasi)

Specializing in Data Engineering, Software Engineering, and UI/UX Design. Experienced in building end-to-end Python data pipelines, deploying Machine Learning models (K-Means), and architecting interactive business application prototypes.

WORK EXPERIENCE

Media Bali
2021

Social Media & Content Intern

- Managed visual content creation by editing high-quality photos using Adobe Photoshop and Illustrator for Instagram publishing.
- Assisted in web content management by updating photo assets and writing structured product/article descriptions.
- Maintained digital brand presence through consistent social media posting and website updates.

SKILLS

- Data & Machine Learning: Python, SQL, Pandas, NumPy, Data Preprocessing, Text Processing, K-Means
- Software & Systems: C#, Git, GitHub, System Architecture, Hardware-Software Integration, Unity Engine, 3D Asset Management
- UI/UX & Visual Design: Figma, Adobe Photoshop, Illustrator, Blender, Wireframing, Interactive Prototyping, User Flow
- Infrastructure & Networking: Linux/Bash, Server Virtualization, Network Configuration, Home Lab Management, Distributed Systems