

MARIO PRASETIO

Senior Backend Engineer | Audio Engineering | AI Automation

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📍 Indonesia - Open For Relocation

🚩 Indonesian

📄 Requires sponsorship

🔗 mariosportfolio.infinityfree.me/

🌐 [linkedin.com/in/marioprasetion](https://www.linkedin.com/in/marioprasetion)

👤 PROFESSIONAL SUMMARY

Backend Engineer with 8+ years of experience building scalable systems across audio production, broadcasting, logistics, and digital operations. Strong in PHP/Laravel, Node.js, Python, AWS, and modern DevOps. Specialized in web-based audio engineering (FFMPEG, streaming workflows, inline editors) and in integrating AI-driven automation into real production environments. Grew up in the Netherlands and speak fluent Dutch. Comfortable with Dutch communication style and culture.

👜 PROFESSIONAL EXPERIENCE

Senior Backend/Full-Stack Engineer,

2022 – Present

PT NexCast / Radio.Cloud

Global (Europe & US clients)

- Architected and delivered Voicetrack V2, a next-generation web audio production suite used by broadcasters worldwide.
- Eliminated 99% of file loss and reduced system errors by 80%, increasing platform stability for radio networks.
- Built inline audio editors (silence trimming, merging, markers) reducing editing time by 60%.
- Integrated AI-powered script generation for radio hosts, automating preparation and content flow.
- Developed backend services for global broadcast workflows across AWS, Laravel, Node.js, and FFMPEG.
- Mentored developers and coordinated directly with EU and US clients for high- impact issues and feature delivery.

Technologies: PHP, Laravel, Node.js, FFMPEG, AWS (S3, Lambda, EC2), MemCache, Docker, CI/CD, PostgreSQL

Mid Backend/Full-Stack Developer, PT NexCast / Radio.Cloud

2021 – 2022

- Developed Voicetrack V1, the base of today's production pipeline.
- Automated metadata and media transfers for DAB/web playout systems.
- Built backend services with PHP/Node.js and AWS infrastructure.
- Implemented early audio automation features and internal tools.

IT Consultant & Fullstack Developer,

2018 – 2021

PT Asaba Computer Centre

- Delivered logistics and TMS solutions for enterprise clients (Kawan Lama, Garuda Food).
- Improved fleet routing & delivery efficiency by 30% through backend optimization.
- Built scalable Java-based backend modules and real-time reporting dashboards.
- Designed logistics scheduling and tracking systems used in daily operations.

Technologies: Java, Spring Boot, PostgreSQL, AWS, WebSockets, GPS integration

Co-Founder, Adventurigo (Travel-Tech Startup)

2018 – 2019

- Built a national park travel and storytelling platform.
- Selected as Top 10 Wonderful Startup by the Ministry of Tourism.
- Managed product, backend services, and user growth initiatives.

KEY PROJECTS

Voicetrack V2 , Global web-based audio editor for broadcasters	2022 – 2025
<ul style="list-style-type: none">• Audio trimming, merging, waveform processing, AI script generation• Used daily by radio hosts and producers	
Point of Sale + Fleet Management , Digitalized cashier + courier workflows	2024
<ul style="list-style-type: none">• Optimized Delivery Planning with automated planning algorithm• Introduced real-time GPS tracking & Proof of Delivery	
TravelTales (Beta) , Audio + photo storytelling platform with synchronized playback	2024
Streaming Monetization Platform , Donation system with live audience interaction & payments	2023

CORE COMPETENCIES

Backend Engineering

PHP/Laravel, Node.js, Python, Go (basics)

Audio Engineering Systems

FFmpeg, streaming workflows, web audio, waveform tooling

AI Integration

Script generation, automation pipelines, hybrid AI workflows

Cloud & DevOps

AWS (S3, Lambda, EC2), Docker, CI/CD, infrastructure automation

Workflow Automation

powerplatform-power automate, n8n, process automation, event-driven systems

Microservices & APIs

API design, distributed systems, async services

Broadcasting & Media

Playout automation, metadata workflows, production tools

Data & Storage

PostgreSQL, MySQL/MariaDB, DynamoDB

Quality Assurance

Automated testing, integration tests, Playwright, Katalon, reliability checks

EDUCATION & CERTIFICATIONS

Bachelor's in Information Systems , Universitas Terbuka	2025
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LANGUAGES

Dutch

Fluent (childhood education in NL)

English

Fluent

Indonesian

Native