MARIO PRASETIO

Senior Full-Stack Software Developer | Web Engineer | AI Solutions Engineer

📍 **Indonesia —** 🌍 **Available Worldwide**

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🔗 [LinkedIn](#) | [Portfolio](#) | [CV (Dutch Version)](#)

PROFESSIONAL SUMMARY

Senior Full-Stack Engineer and AI Solutions Architect with 7+ years of experience turning complex business challenges into scalable digital products. Recognized for leading high-impact projects across Europe, the US, and Asia, achieving measurable results such as reducing system errors by 80% and boosting operational efficiency by 30%. Known for bridging technical depth with business strategy, pioneering AI-powered audio solutions, and transforming outdated systems into resilient, future-proof platforms

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WORK EXPERIENCE

Sr. Full-Stack Software Developer – PT. NexCast Indonesia (Radio.cloud)
08/2022 – Present

- **Architected and launched Voicetrack V2, a next-generation web audio production platform, eliminating 99% of file loss and reducing system errors by 80%, leading to record client satisfaction.**

- **Spearheaded infrastructure modernization, replacing legacy FTP/CDN with a CI/CD pipeline that cut deployment times by hours and improved reliability across global radio networks.**

- **Directed cross-functional collaboration between frontend, backend, QA, and product teams while engaging directly with clients to resolve mission-critical issues.**

- **Engineered inline audio editors (silence trimming, content merging) that reduced editing time by 60%, revolutionizing daily workflows for radio producers.**

- **Integrated AI-driven script generation for radio hosts, pioneering automation features that expanded product capabilities and industry adoption.**

- **Provided technical mentorship and hands-on guidance, unlocking blockers and accelerating delivery timelines across multiple squads.**

Mid. Full-Stack Software Developer – PT. NexCast Indonesia (Radio.cloud)
08/2021 – 08/2022

- Designed and delivered Voicetracking V1, a web-based audio production tool used daily by broadcasters.

- Automated metadata handovers for web and DAB playout systems, improving operational continuity across broadcast workflows.

- Worked across PHP, JavaScript, AWS, Docker, and FFMPEG, establishing the technical foundations for the next-generation product.

IT Consultant & Developer – PT. Asaba Computer Centre
06/2018 – 11/2021

- Led logistics technology transformation projects for enterprise clients (Kawan Lama, Garuda Food Group), boosting fleet efficiency by 30% and generating significant cost savings.

- Developed a custom Transportation Management System (TMS) to optimize routing, scheduling, and delivery operations, enabling real-time tracking and reporting.

- Delivered scalable backend solutions using Java, PostgreSQL, and AWS, ensuring system reliability for high-volume logistics operations.

Dutch-Speaking Service Desk Engineer – PT. Asaba Computer Centre
10/2017 – 07/2018

- Supported Dutch-speaking clients, consistently achieving 95% Customer Satisfaction Score (CSAT) through fast, localized problem-solving.

- Acted as a bridge between clients and technical teams, ensuring smooth communication and effective resolution of complex IT issues.

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Co-Founder – Adventurigo
01/2018 – 12/2019

- Co-founded a national park travel platform, enabling digital trip planning and storytelling.

- Recognized as Top 10 Startup by the Ministry of Tourism, driving visibility and adoption in the Indonesian travel-tech space.

PROJECTS & PORTFOLIO

🎙 **Voicetrack V2 (2022–2025)**

- **Architected and launched a next-generation audio production platform used by broadcasters worldwide.**

- **Reduced file loss by 99% and system errors by 80%, drastically improving client reliability.**

- **Designed inline audio editors (silence trimming, merging) cutting editing time by 60%.**

- **Integrated AI-powered script generation, pioneering automation features for radio hosts.**
  Technologies: React, PHP, FFMPEG, AWS (S3, Lambda), Docker, CI/CD

🛒 **Point of Sale + Fleet Management (2024)**

- **Replaced manual cashier & courier workflows with fully digitalized apps.**

- **Introduced real-time GPS tracking & Proof of Delivery, increasing transparency and cutting delivery times.**

- **Improved financial and operational efficiency across courier operations.**
  Technologies: Node.js, Cordova (Android Hybrid), PostgreSQL, Azure, GPS Tracking, OpenStreetMap, MapBox

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🎥 **Streaming Monetization Platform (2023)**

- **Built a Patreon-style donation system with live audience interactions.**

- **Integrated QR, card, and bank payments to expand monetization options for streamers.**

- **Increased engagement by enabling real-time donor messages & responses.**
  Technologies: PHP, JavaScript, WebSockets, Payment Gateway APIs, AWS Infrastructure

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🛍 **Online Shop & Social Media Tool (2023)**

- **Developed an end-to-end tool tracking user interactions from YouTube clicks to e-commerce purchases.**

- Automated price updates & review monitoring via API integration.

- Empowered creators with transparent analytics on sales conversion.
  Technologies: PHP, MySQL, API Integration, Automated Data Scraping

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🎧 TravelTales [Beta] (2024)

- Built a storytelling platform combining travel photos with synchronized voiceovers.

- Enabled interactive replays with timeline breakpoints, offering a richer alternative to social stories.

- Created immersive experiences for travelers and storytellers.
  Technologies: Cordova, FFMPEG, AWS S3, AWS Lambda

✈️ Cabin Crew Transport Management (2018–2019)

- Designed an Uber-style platform for airport crew transport scheduling & management.

- Digitalized manual planning & budgeting, optimizing real-time crew logistics.

- Automated cost management and live vehicle tracking.
  Technologies: PHP, Node.js, WebSocket, MapBox

TECHNICAL SKILLS

Full-Stack Development

- PHP (Laravel, Yii2, Magento), JavaScript (React, jQuery), Python, Java (Spring Boot), HTML5, CSS, Three.js

Mobile Development

- Hybrid apps with Cordova/PhoneGap, Android (Java/Kotlin basics)

Cloud & DevOps

- AWS (S3, Lambda, EC2, DynamoDB), Docker, CI/CD Pipelines, Infrastructure automation

Databases

- PostgreSQL, MySQL/MariaDB, MongoDB, DynamoDB

Automation & AI

- AI script generation, Audio/video processing with FFMPEG, API integration, Web scraping, Katalon automation

Specialized Tools & Platforms

- Web Audio Processing, Mapbox, OpenStreetMap, Payment Gateways, Power BI, SharePoint, Power Automate, Office 365, Blender

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LANGUAGE SKILLS

- Dutch: Native – learned from early childhood and attended school in the Netherlands

- English: Fluent – professional working proficiency

- Indonesian: Native – learned from relocation and cultural background

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EDUCATION & CERTIFICATIONS

- Bachelor's in Information Systems – Universitas Terbuka (Expected 2025)

- BSc in Business Studies – School of Business and Trade (2016–2019)

- Diplomas (HTML, JS, Python, Web Design) – Alison (2018)

ADDITIONAL INFORMATION

- Target Regions: Europe, US, Canada, Australia, Singapore

- Visa Status: Indonesian Passport – Requires sponsorship or waiver visa

- Interests: Mobile/Game Development, International Collaboration

- Availability: Remote, hybrid, or relocation roles