

ARY MUHAMMAD PRAYOGA

Software Engineer

Cibubur, Jakarta Timur | +6281311370288 | arymp111@gmail.com | <https://linkedin.com/in/arymprayoga>

CAREER SNAPSHOT:

- 5 years shipping back-end heavy, data-intensive products that run fast and scale smoothly.
- Track record of cutting latency, slashing infra cost, and rolling out features that pull in new users.
- Polyglot: Ruby (on Rails), Go (Echo, Fiber), PHP (Laravel 8), PostgreSQL, Redis, Docker, AWS.
- Love TDD, clean architecture, and metrics-driven iteration.

WORK EXPERIENCE:

Mid Solusi Nusantara (Mekari)

Software Engineer | Juni 2023 - Present | Full Time

- Boosted slow API throughput by +75 % by rewriting N+1-heavy queries with CTEs & proper indexes.
- Delivered “Approval Workflow” feature—drove new monthly active users in 90 days while holding p95 < 200 ms.
- Led incident post-mortems; MTTR stays below 30 min quarter-over-quarter.
- Instrumented dashboards in Grafana to monitor key metrics (latency, error rates, DB load) and enabled proactive alerting.
- Used Sentry and Datadog for real-time monitoring and debugging—cut production errors by 40% and improved time-to-resolution.
- Managed CI/CD pipelines using GitHub Actions and Bitbucket Pipelines, following trunk-based development for fast and safe delivery.
- Rolled out infrastructure-as-code and automated deployment flows to reduce drift and improve dev-prod parity.
- Championed observability best practices—standardized logging, tracing, and alerting across services to support 24/7 uptime.

Ako Media Asia (SALT)

Software Engineer | November 2022 - Juni 2023 | Full Time

- Designed a clean-architecture microservice handling 800 rps with < 100 ms latency during peak sales.
- Refactored payment callback pipeline, eliminating double-charge edge cases and saving 4 hrs/week CS load.

Wijaya Karya Industri & Konstruksi (Wikon)

Software Engineer | November 2020 - November 2022 | Full Time

- Green-fielded Risk Management & Tender Monitoring system used by 7 subsidiaries; cut manual Excel work by 70 %.
- Introduced Redis-backed caching & queue workers → reports that took 15 min now render in 50 s.
- Championed GitLab CI & Docker adoption across the dev team (10 engineers).

Pregrad Project (PGP)

Software Engineer | Agustus 2018 - Present | Owner

- Scaled Agendakan.com from zero → 10k monthly tickets sold; integrated GoPay, Bank Transfer, Midtrans.
- Built Moolang 2D classroom game (Unity + Node.js + Vivox voice), for students in 4 schools pilot.

RELEVANT PROJECTS:

Moolang | 2D Classroom Learning Game

Pregrad Project | September 2021 - February 2022 | Lead Backend Developer

- **Game Engine:** Leveraging Unity 2D, I've crafted engaging educational games that make learning a joy.
- **Multiplayer Handling:** Utilizing Node.js and Socket.io, the platform seamlessly manages multiplayer interactions, fostering collaboration.
- **Voice Call Integration:** With Vivox integration, students can communicate via voice calls, enhancing the classroom experience.

agendakan.com | E-ticketing Platform

Pregrad Project | May 2022 - Present | Lead Backend Developer

- **E-Ticketing Website:** Engineered a user-friendly e-ticketing platform, making event bookings a breeze.
- **Payment Gateway Integration:** Seamlessly integrated multiple payment gateway, providing users with secure and convenient payment options.

madinakebab.id | Company Profile Website

Pregrad Project | January 2020 - March 2020 | Fullstack Developer

- Crafting a Dynamic Company Profile and Landing Page to Showcase client Products and Services.

Srikandi (Independent Pregnancy Risk Detection) | Android Apps

Pregrad Project | December 2018 - February 2019 | Frontend Developer

- Self detection of pregnancy risk mobile apps available on Playstore.

TRAINING & BOOTCAMP

2022 | Alterra Academy

Advanced Golang Mini Course | Satisfactory Performance

- **Hexagonal & Clean Architecture:** Build systems that are easy to maintain and scale.
- **Echo Framework:** Develop high-performance HTTP services with Echo.
- **GORM:** Seamlessly interact with databases using GORM.
- **JWT:** Implement secure authentication with JSON Web Tokens.
- **Testing Best Practices:** Ensure the code is robust and reliable with thorough unit and integration testing.
- **DevOps Tools:** Proficiency in Git, Docker, AWS, and CI for efficient development and deployment workflows.

EDUCATION:

2015 - 2020 | Brawijaya University

Bachelor of Computer Science - Software Engineering (GPA 3.36)

SKILLS:

- **Back-end Development:** Proficient in developing robust and scalable back-end systems.
- **Code Structure and Architecture:** Skilled in designing clean and efficient code structures, focusing on maintainability.
- **Web Performance Optimization:** Experienced in optimizing web performance for enhanced user experience.
- **Programming Languages:**
 - Ruby on Rails: Skilled in Ruby on Rails for rapid development of web applications.
 - Go: Leveraging the power of Go for high-performance applications.
 - PHP: Proficient in PHP for versatile web development.