Rian Asmara Putra

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PROFILE SUMMARY

Software Engineer with 5+ years of experience delivering scalable APIs and full-stack applications across healthtech, HR tech, SaaS, and government platforms. Skilled in Go, TypeScript, React.js, Next.js, Next.js, and PostgreSQL. Proven impact in reducing API latency by 25–30%, building platforms for 100k+ users, and integrating complex workflows (Stripe, Google Cloud, n8n). Additional projects include Flowclass (SaaS subscription platform) and Careguard (React Native healthcare app), showcased in my portfolio.

EXPERIENCES

TTDK - Jakarta (Full-Time)

Software Engineer | Jan 2025 - Present

- Designing and implementing REST APIs in Go, TypeScript, and Laravel for enterprise-scale applications.
- Building front-end modules with React.js and Next.js, ensuring responsive and accessible Uls.
- Deploying and monitoring cloud-based services (Azure/GCP), integrating caching and storage solutions.
- Conducting code reviews and ensuring compliance with OWASP Top 10 security guidelines.
- Collaborating with cross-functional teams in agile sprints to deliver high-impact features.

INA Digital – Jakarta (Full-Time)

Software Engineer | Jan 2024 - Dec 2024

- Developed and optimized REST APIs with Go and TypeScript to improve performance and scalability.
- Refactored legacy codebases into modern architectures, enhancing maintainability.
- Delivered responsive user interfaces with Next.js and TailwindCSS, improving usability.
- Monitored production systems with **Datadog and Cloud Logs**, reducing incidents by 25%.
- Worked closely with stakeholders to align technical solutions with business needs.

DTO Kemenkes RI – Jakarta (Full-Time)

Software Engineer | Jan 2022 - Dec 2023

- Built scalable REST APIs with Laravel, Go, and TypeScript for health data systems.
- Implemented event-driven synchronization to ensure real-time data consistency.
- Developed and integrated UI components using React.js + Next.js, improving adoption for 100k+ users.
- Migrated NestJS services to Go with clean architecture, boosting performance and reducing technical debt.

- Integrated Google Cloud services (Storage, MemoryStore, Cloud SQL) for scalable infrastructure.
- Ensured system security and compliance through secure coding practices and audits.

QuokkaHR - Hong Kong - Part Time

Software Engineer | Jun 2022 - Jun 2023

- Developed SaaS REST APIs with Python Flask, improving response times and scalability.
- Integrated **Stripe Payment Gateway**, enabling automated billing and subscription handling.
- Built front-end features with Vue 3 and DaisyUI, collaborating closely with product teams.
- Improved reliability with K6 stress testing and increased unit test coverage by 40%.
- Contributed to agile sprints, proactively suggesting improvements in product design and technical workflows.

PT Castellum Digital Indonesia - Jakarta - Full Time

Full-Stack Web Developer | Jun 2021 - Dec 2021

- Built APIs with ExpressJS and refined React.js UI components based on Figma designs.
- Implemented unit tests and automated deployments to **on-premise Linux servers**.
- Collaborated with designers and engineers to improve product quality and responsiveness.

Universitas Islam Al Azhar – Mataram (Full-Time)

Full-Stack Developer | Jul 2019 - Jun 2021

- Developed RESTful APIs with Laravel and PostgreSQL to support university operations
- Integrated back-end systems with custom UIs, improving adoption and reducing user errors.
- Led cross-departmental projects and deployed secure systems on campus servers.

Education

Universitas Bumigora Mataram – Bachelor of Computer Science | GPA: 3.47/4.00 *Jun 2015 – Aug 2019*

Skills

Languages: Go, TypeScript, PHP, Python

Frameworks: NestJS, Next.js, React.js, Vue.js, Laravel, Flask

Databases: PostgreSQL, MongoDB, Redis

DevOps: Docker, GitHub Actions, GitLab CI/CD, Linux, Azure, Google Cloud

Tools & Testing: Jira, Trello, Datadog, K6, Unit Testing

Soft Skills: Problem-solving, Adaptability, Learning Agility, Leadership, Communication