

SATRIYO BUDI UTOMO

Backend Engineer | Tech Lead | Product/Technical PM

Tegal, Central Java, Indonesia

satriyobudiu@gmail.com | +62 813-8853-6931 | <https://satriyo.tech>

PROFESSIONAL SUMMARY

Results-driven technical leader with 8+ years of experience architecting scalable backend systems, managing cross-functional engineering teams, and delivering data-driven product solutions. Proven ability to lead high-impact projects from concept to launch across startups and enterprise environments with SaaS, ERP, and Fintech Background. Adept in PHP/Laravel, MySQL, and data tools like Looker and Metabase. Strong in Agile delivery, stakeholder communication, and aligning business and technical goals to deliver measurable outcomes.

WORK EXPERIENCE

CTO & Co-Founder

Komerce – Purbalingga | Oct 2022 – Jul 2025

- Led end-to-end backend system development to support platform growth, serving over 10,000 monthly users.
- Built infrastructure documentation and architecture references applied across 3 internal product lines.
- Managed 4 technical divisions (20+ engineers) and introduced SOPs that improved delivery speed by 25%.
- Reported directly to C-level and investors, introducing impact dashboards and transparent roadmaps.
- Mentored engineering leads and facilitated knowledge-sharing initiatives, resulting in a 30% increase in junior engineer retention.

Key Achievements :

- Secured USD 150,000 Google Cloud startup credits, saving equivalent yearly infrastructure costs.
- Open access to company data by enabling self-service dashboards for all employees based on roles, accelerated decision-making and cut ad-hoc data requests to engineering by 50%.
- Scaled platform infrastructure to support 10,000+ monthly active users across 3 SaaS product lines
- Ship 10+ SaaS Products in first 2 year.

Senior Backend Developer – Chapter Lead

Komerce – Purbalingga | Jun 2021 – Sep 2022

- Architected and maintained backend systems for 5+ core products using Laravel and PostgreSQL.
- Standardized API contracts and ERD documentation to accelerate onboarding and ensure consistency.
- Mentored a team of 4 engineers and introduced a peer-review process that improved code quality and team velocity.
- Led sprint planning and stakeholder alignment, bridging communication between engineering and product teams.
- Reduced new developer onboarding time by 40% through structured documentation and internal training.

Key Achievements :

- Implemented canary deployment with weighted routing, health/error SLO gates, and automated rollback, significantly reducing release risks and recovery time.
- Optimized high-traffic endpoints, preventing system failures and improving platform reliability during peak usage.
- Reduced developer onboarding time by 40% through standardized ERD/API contracts, internal documentation, and repository templates.
- Established a peer review and coding standard culture, improving delivery reliability and reducing production bugs.
- Designed and scaled the architecture for 5+ core products, integrating observability practices (logging, tracing, alerting) to shorten troubleshooting cycles.

Backend Developer (Remote, Freelance)

Webimp – Singapore / Jan 2022 – Apr 2022

- Delivered 5 international client projects using Laravel and custom WordPress integrations.
- Improved delivery precision by translating Figma mockups into backend functionality.
- Streamlined development and QA coordination, reducing go-live cycles by 30%.

Key Achievements :

- Introduced the use of flowcharts and ERDs during project preparation, which streamlined communication between engineers and non-technical stakeholders.
- Delivered two client projects under tight deadlines with zero rollback after deployment.

Backend Developer(Remote)

Dvoretzky Indonesia – Jakarta / Nov 2020 – May 2021

- Designed and implemented backend solutions for 6 business clients with focus on performance and scalability.
- Led requirements gathering and collaborated closely with frontend teams throughout the SDLC.
- Optimized and refactored legacy systems, decreasing system error rates by 35%.
- Contributed to a 20% improvement in client retention through timely delivery and quality assurance.

Key Achievements :

- Designed and delivered a modular API architecture, reducing code duplication and easing future feature expansion.
- Optimized database queries and caching strategy, leading to 30% faster API responses on high-traffic endpoints.
- Analyzed API requirements from Figma prototypes and translated them into clear backend tasks for junior developers.

IT Programmer

Centratama Group – Jakarta / Sep 2018 – Sep 2020

- Developed and maintained internal business applications to support HR, Finance, and Operations.
- Built backend services with PHP (Laravel, Lumen) and optimized MySQL queries for performance.
- Worked with front-end components using AngularJS to deliver interactive internal dashboards.
- Collaborated with users across departments to gather requirements and deliver tailored solutions.

Key Achievements :

- Introduced Git-based version control into the team, enabling collaborative development and smoother release management.
- Implemented AngularJS for internal tools, modernizing legacy UI and improving user experience.
- Adopted Lumen for microservices, streamlining API development and reducing response times.

System Analyst & Programmer

Tiga Inti Perkasa Tech – Surakarta | Apr 2017 – Aug 2018

- Developed and maintained core features for various Enterprise Resource Planning (ERP) systems for clients in the manufacturing (Sari Plastik) and hospitality (Tosan Hotel) industries.
- Built interactive and responsive user interfaces (UI) with AngularJS to visualize complex data and streamline client operational workflows.
- Designed and implemented server-side business logic and developed RESTful APIs using the CodeIgniter (PHP) framework to support application functionality.
- Collaborated with teams to analyze client business requirements and translate them into efficient technical solutions, covering full-stack development from the database to the front-end.
- Led client discussion sessions to gather, analyze, and thoroughly document business requirements for ERP system development.
- Translated business needs into technical specification documents and designed system workflows using diagrams such as UML (Use Case, Activity Diagrams) and flowcharts.
- Acted as the primary communication bridge between business stakeholders (clients) and the development team, ensuring both parties had a shared understanding of project goals.
- Supported the system testing phase, including designing scenarios for User Acceptance Testing (UAT), to validate that the developed solution met the agreed-upon business requirements.

Key Achievements:

- Established standardized documentation practices (flowchart + ERD) that improved clarity and reduced misalignment during development.
- Streamlined cross-department workflows by introducing tailored internal systems, enhancing data accuracy and reporting speed.
- Facilitated smoother collaboration between business units and IT, reducing requirement revisions and rework.
- Supported junior developers by clarifying API and database design, ensuring delivery aligned with specs.

Junior Programmer

Gamatechno – Jakarta | Jan 2016 – Mar 2017

- Delivered internal tools and supported 12+ deployment projects across departments.
- Assisted sales and tech implementation teams, ensuring product-market alignment.
- Developed three crucial modules (Registration, Assessment, and Reporting) for a scholarship information system platform used by corporate and institutional clients.
- Designed and implemented a complex online registration flow, ensuring accurate data validation and a smooth user experience for thousands of applicants.
- Built dynamic reporting features to generate summaries of applicant data and assessment results, aiding administrators and management in the selection and decision-making process.
- Engineered the back-end using PHP and GTFW (a proprietary in-house framework) to ensure application performance, security, and scalability in line with company standards.

Key Achievements:

- Successfully launched the company's first Android-supported REST API, paving the way for future mobile product development.
 - Delivered a scholarship system that managed thousands of university student applicants across multiple corporate and institutional clients.
 - Contributed to 12+ cross-department deployments, improving internal processes and operational efficiency.
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EDUCATION

Diploma in Informatics Management

Politeknik LP3I – Jakarta | 2016

CERTIFICATION & CLOUD TRAINING

- **Preparing for your Professional Data Engineer Journey**

Google Cloud, Earned May 6, 2025

[View Credential](#)

- **Baseline: Infrastructure**

Google Cloud, Earned Nov 25, 2022

[View Credential](#)

- **Set Up an App Dev Environment on Google Cloud**

Google Cloud, Earned Nov 24, 2022

[View Credential](#)

CORE SKILLS & TOOLS

- **Backend Development:** Typescript, Python, Laravel, PHP, REST API, MySQL, PostgreSQL, Codelgniter, Redis, RabbitMQ, MongoDB, Python, WordPress, Lumen, ElasticSearch.
 - **Project & Product Management:** Agile/Scrum, SDLC, Sprint Planning, Stakeholder Management, Waterfall, Timeline Management.
 - **Data & Visualization:** Looker, Metabase, SQL, Data Analysis, Data Visualization, Python.
 - **Cloud & Infrastructure:** AWS, GCP, Digital Ocean.
 - **Dev Tools:** Git, Jira, Postman, Figma, Trello, Notion.
 - **Documentation & Architecture:** ERD, API Contracts, Flowcharts, Infrastructure Planning, Swimline Diagram, Activity Diagram, Roadmap Planning, Budget Planning.
 - **Leadership:** Team Mentorship, Cross-Functional Collaboration, Strategic Planning, Fraud Analysis & Transaction Pattern Recognition, Process Improvement, Design Tech / Organization Roadmap, Setup KPI.
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LANGUAGES

- English – Professional Working Proficiency
- Bahasa Indonesia – Native