SATRIYO BUDI UTOMO

Backend Engineer | Tech Lead | Product/Technical PM
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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. 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.

CORE SKILLS & TOOLS

- **Backend Development**: Laravel, PHP, REST API, MySQL, PostgreSQL

- **Project & Product Management**: Agile/Scrum, SDLC, Sprint Planning, Stakeholder Management

- **Data & Visualization**: Looker, Metabase, SQL, Data Analysis, Data Visualization

- **Dev Tools**: Git, Jira, Postman, Figma, Trello, Notion

- **Documentation & Architecture**: ERD, API Contracts, Flowcharts, Infrastructure Planning

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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 (40+ 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.

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.

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%.

Backend Developer(Remote)
Dvoretsky 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.

IT Programmer
Centratama Group — Jakarta | Sep 2018 — Sep 2020

– Developed internal APIs and tools used by 100+ employees across multiple departments.
– Built a centralized SSO system using Windows AD, improving internal security and access management.
– Led enhancement projects that improved internal system performance metrics by 15%.

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.

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.

PROJECT

Komerce Analytics - Dashboard
  * Description: Dashboard for internal user to access our 10+ databases of our SaaS Product
  * Technologies: Metabase
  * Live Demo: https://analytics.komerce.id/

Komship.id - Logistics Aggregator
  * Description: A SaaS platform for SMEs to ship orders seamlessly.
  * Technologies: Laravel, Lumen, Golang, PostgreSQL, ElasticSearch, VueJS, MySQL, RabbitMQ
  * Live Demo: https://komship.id

Komtim.id - Talent Pool
  * Description: A platform for SMEs to get local talent.
  * Technologies: Laravel, Lumen, Mysql, PostgreSQL, ElasticSearch, VueJS
  * Live Demo: https://komtim.id

Swalapak Marketplace
  * Description: Marketplace for local community with multi-level sharing profit.
  * Technologies: Laravel, MySQL, JavaScript, HTML, CSS
  * Live Demo: none
  * Source Code: none

WMS Dimsum
  * Description: WMS with FIFO for dimsum49.
  * Technologies: Laravel, MySQL, JavaScript, HTML, CSS
  * Live Demo: private
  * Source Code: none

GTbeasiswa
  * Description: Scholarship management for PERTAMINA FOUNDATION, POETRA SAMPOERNA FOUNDATION, etc.
  * Technologies: GTFW (company framework), PHP, jQuery, MySQL, JavaScript, HTML, CSS
  * Live Demo: private
  * Source Code: none

GTeval
  * Description: Tools for internal to gather 360-degree feedback.
  * Technologies: Laravel, PHP, jQuery, MySQL, JavaScript, HTML, CSS
  * Live Demo: private
  * Source Code: none

GTfellow
  * Description: Tools for internal to monitor project progress by freelancers.
  * Technologies: Laravel, PHP, jQuery, MySQL, JavaScript, HTML, CSS
  * Live Demo: private
  * Source Code: none

GTplaybook
  * Description: Tools for internal to help onboarding phase by providing information and help achieve their team goals.
  * Technologies: Laravel, PHP, jQuery, MySQL, JavaScript, HTML, CSS
  * Live Demo: private
  * Source Code: none

GTreimburse
  * Description: Tools for internal to process reimbursement and generate report.
  * Technologies: Laravel, PHP, jQuery, MySQL, JavaScript, HTML, CSS

* Live Demo: private
  * Source Code: none

Jakodes (Jaringan Toko Desa)
  * Description: Supply chain management for regional communities.
  * Technologies: Laravel, PHP, jQuery, MySQL, JavaScript, HTML, CSS
  * Live Demo: private
  * Source Code: none

LP3N Survey
  * Description: Dynamic questionnaire form generator.
  * Technologies: Laravel, PHP, jQuery, MySQL, AngularJS, HTML, CSS
  * Live Demo: private
  * Source Code: none

ERP PT Sariplastik
  * Description: Custom ERP for manufacturers.
  * Technologies: Laravel, PHP, jQuery, MySQL, AngularJS, HTML, CSS
  * Live Demo: private
  * Source Code: none

ERP XFOCUS
  * Description: Master ERP.
  * Technologies: Laravel, PHP, jQuery, MySQL, AngularJS, HTML, CSS
  * Live Demo: https://xfocus.com
  * Source Code: none

ERP Tosan Hotel
  * Description: custom ERP for hotel.
  * Technologies: Laravel, PHP, jQuery, MySQL, AngularJS, HTML, CSS
  * Live Demo: none
  * Source Code: none

Clink Website
  * Description: Landing Page/Product Profile for CLINK (signage ads).
  * Technologies: jQuery, MySQL, HTML, CSS
  * Live Demo: private
  * Source Code: none

Seven Seas
  * Description: ERP for retail.
  * Technologies: Laravel, MySQL, jQuery, JavaScript, HTML, CSS
  * Live Demo: private
  * Source Code: none

Ukiss.io
  * Description: Landing Page for showcasing Ukiss products.
  * Technologies: WordPress
  * Live Demo: https://ukiss.io
  * Source Code: none

Jobmate - Job Fit Calculator
  * Description: A tool that analyzes a user's CV against a job description to calculate a fit percentage.
  * Technologies: Python, FastAPI, MySQL, Docker
  * Live Demo: https://huggingface.co/spaces/satriyobud/jobmate-backend (https://huggingface.co/spaces/satriyobud/jobmate-backend)
  * Source Code: https://huggingface.co/spaces/satriyobud/jobmate-backend/tree/main

FastAPI RBAC Backend Application
  * Description: A project that implements a Role-Based Access Control (RBAC) system using FastAPI for the backend API. It provides a foundation for managing users, roles, and permissions within an application.
  * Technologies: Python, FastAPI, Alembic, JWT, MySQL, PostgreSQL
  * Live Demo: none
  * Source Code: https://github.com/satriyobud/rbac_fastapi

E-travel

* Description: internal system to process acomodation of business trip for centratamagroup
  * Technologies: lumen, AngularJS, Mysql, HTML, CSS
  * Live Demo: none
  * Source Code: none
EMS
  * Description: internal system to record maintenance of infrastructure (tower) for centratamagroup
  * Technologies: Laravel, Javascript, Mysql, HTML, CSS
  * Live Demo: none
  * Source Code: none
Ebilling
  * Description: billing system for Internet Service Provider for centratamagroup
  * Technologies: Laravel, Javascript, Mysql, HTML, CSS
  * Live Demo: none
  * Source Code: none
Ecatalog
  * Description: system for vendor to list their products with transparency of the price
  * Technologies: Laravel, Javascript, Mysql, HTML, CSS
  * Live Demo: none
  * Source Code: none

EDUCATION

Diploma in Informatics Management
Politeknik LP3I – Jakarta | 2016

CERTIFICATION & CLOUD TRAINGING

- **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

LANGUAGES

- English – Professional Working Proficiency

- Bahasa Indonesia – Native