Granite Bagas Prakoso Sidjabat

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Senior Software Engineer and Assistant Lead with 7+ years of experience building backend services, web applications, and mobile apps. Combine hands-on development with technical design, code review, mentoring, and delivery coordination, with a strong focus on system performance and production reliability. Experienced in Node.js, Go, PHP/Laravel, React, Vue, and React Native, with hands-on Docker experience and build and deployment troubleshooting using Jenkins.

Work Experience

Senior Software Engineer / Assistant Lead Software Engineer • Sociolla

July 2026 - Present | Jakarta, Indonesia

- Support the engineering lead in technical design, code review, sprint planning, and release coordination, mentoring three engineers and helping resolve implementation blockers.
- Translate business requirements into technical designs and engineering tasks across ordering, logistics, sales reporting, and retail merchandising workflows.
- Design and implement country-aware configuration and integration changes across B2B, Planogram, and shared services, supporting expansion into additional Southeast Asian markets while preserving existing Indonesia and Vietnam behavior.
- Investigate production failures and data inconsistencies through application logs, database analysis, and code tracing. Optimize memory-intensive queries and synchronization flows, and assess changes for data isolation, backward compatibility, and release dependencies.
- Continue hands-on development across Node.js services, React Native applications, and Vue frontends for B2B and Planogram, while providing backup development and troubleshooting coverage for the Arc vendor billing portal.

Software Engineer • Sociolla

July 2024 - July 2026 | Jakarta, Indonesia

- Developed Sociolla's B2B ordering and Planogram retail merchandising platforms using Node.js, React Native, and Vue, working across web and mobile applications, APIs, and background workers. Provided backup maintenance for the Arc vendor billing portal.
- Delivered B2B sales order, promotion, inventory, and ERP integration features requiring coordinated changes across multiple microservices and application platforms.
- Enhanced Planogram's visual editor, product synchronization, and CSV import and export workflows. Moved CSV export processing to the frontend to address backend memory failures that prevented users from receiving export results.
- Designed market-specific request routing and data separation for Indonesia and Vietnam, enabling services to handle country-specific requests and keep product and business data isolated.
- Designed and implemented a reusable framework for large CSV imports and exports using streaming, partitioned processing, and persistent checkpoints to limit memory usage and support recovery after interrupted processing.
- Designed modular imports for the company's shared utility library, allowing services to load only the modules they needed. The approach was adopted company-wide to reduce unnecessary resource usage.

Full Stack Developer • PT. Adi Data Informatika

January 2024 - July 2024 | Jakarta, Indonesia

- Maintained and enhanced three internal BPJS Ketenagakerjaan platforms covering knowledge management, learning management, and professional certification workflows, working across Node.js backend services and Vue.js frontend applications.
- Handled application deployment preparation by creating and configuring Dockerfiles, preparing environment configurations, validating containerized applications, and troubleshooting deployment issues before handoff to the DevOps team.
- Integrated SonarQube into the development workflow to support static code analysis and improve visibility into code quality and maintainability.

Full Stack Engineer • NOBI

January 2022 - December 2023 | Jakarta, Indonesia

- Developed and maintained the core Trade platform, covering transaction processing and calculations, real-time crypto pricing, and integrations with multiple third-party providers.
- Co-designed and implemented the migration of the Trade platform from a Laravel monolith to Golang-based microservices, improving scalability, maintainability, and deployment efficiency.
- Reduced build and deployment time from around 30 minutes to under 10 minutes, lowered service memory usage to below 100 MB, and improved response times to under 500 ms for transaction actions and under 100 ms for data retrieval.
- Designed resource-efficient real-time pricing workflows to process frequent market updates without placing unnecessary load on production services.
- Reviewed code, contributed to architecture decisions, coordinated implementation with other engineers, and onboarded and mentored new hires and interns.

Full Stack Developer • Titik Pintar

October 2020 - January 2022 | Jakarta, Indonesia

- Designed and implemented the WebSocket backend for a multiplayer quiz feature, supporting live rooms, simultaneous answers, real-time scoring, room-state synchronization, and reconnect handling for up to five players per session.
- Maintained backend services for the main learning application and Account Titik Pintar using Laravel and Node.js, including parent-managed student accounts, subscriptions, and payment gateway integration.
- Maintained Sahabat Pintar, an internal content platform used by teachers, designers, and animators to create quizzes and manage supporting visual content.
- Reviewed code, investigated production issues, and coordinated backend changes with mobile and other engineering teams.

Junior Software Engineer • PT Wamplo Satu Interteknologi

June 2019 - October 2020 | Jakarta, Indonesia

- Developed and maintained Laravel web applications and supported React Native development across client projects, covering feature delivery, bug fixes, and troubleshooting.

Internship • ICON+

January 2019 - April 2019 | Jakarta, Indonesia

- Supported AngularJS application development and testing, including issue identification and feature validation before release.

Projects

Puasa Sunnah

Built and maintain a web application and public API that provide an Indonesian sunnah fasting calendar. Developed the backend using Golang and Fiber and the frontend using React and Vite. The public API is actively used by users outside the project.

mongoose-log-history

Developed a reusable Node.js plugin for tracking changes to Mongoose documents and maintaining audit histories across MongoDB models. Published the package on npm, where it receives more than 400 downloads per week.

SIMEXTRACK

Built a personal expense-tracking application with a React Native mobile client and Laravel API. Managed the application end-to-end, including backend development, database integration, deployment, and public release on Google Play.

Education

Sekolah Tinggi Teknik PLN Jakarta

Bachelor's Degree in Informatics Engineering • 2015 - 2019

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