

Contact

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www.linkedin.com/in/sudtanj
(LinkedIn)

github.com/sudtanj (Portfolio)

Top Skills

PostgreSQL

Go (Programming Language)

NodeJS

Languages

Chinese (Elementary)

Bahasa Indonesia (Native or Bilingual)

English (Professional Working)

Japanese (Elementary)

Certifications

Sertifikat Tingkat Menengah - Modul 3 Periode 3 (Gakushudo)

TOEFL Prediction Test (International Language Programs (ILP))

Brain-O-Meter (Dasar Internet) (Bamboomedia)

Upper Elementary Mandarin Certificate (Caterpillar Learning Center)

Musik Junior, Grade 12 Certificate (Yamaha Music Foundation)

Honors-Awards

2nd place in Animation Competition

1st place at Reversed Chess Competition

Sudono Tanjung

Back-End Engineer | 5+ Years of Experience | Go | TypeScript | Databases

Jakarta, Jakarta, Indonesia

Summary

Passionate and results-driven Back-End Developer with over 5 years of hands-on experience in designing and implementing robust, scalable systems. Proficient in Go, TypeScript, and a range of databases, including MySQL, PostgreSQL, and MongoDB. Adept at collaborating in Agile (Scrum) environments to deliver high-quality solutions on time.

Key Highlights:

- MVP Builder Extraordinaire: Successfully delivered a fully functional Point of Sales (POS) MVP for local mom-and-pop stores in under 2 weeks—accelerating their digital transformation and improving their operational efficiency.
- Scalable System Design: Designed and implemented backend architectures that handle high traffic and data volume with ease.
- Data-Driven Solutions: Strong experience in managing relational and non-relational databases, optimizing queries, and ensuring data integrity.

What I Bring to the Table:

- A deep understanding of software engineering principles with a focus on backend development.
- Proficiency in developing API-driven architectures and microservices.
- A commitment to continuous learning and staying updated with emerging technologies to solve real-world business challenges.

If you're looking for a skilled developer who can turn complex problems into elegant solutions and deliver under tight deadlines, let's connect!

Experience

Amartha

Back End Engineer

February 2023 - Present (2 years 3 months)

Jakarta Selatan, Jakarta, Indonesia

Driving Innovation in Fintech Solutions for Financial Inclusion

Recruited to join a dynamic team of five engineers to design and develop a Loan Origination System for Amarta's partners. My role focuses on creating scalable, high-performance backend services that power critical features, including NPL (Non-Performing Loan) Scoring. Leveraging modern tools like Golang, PostgreSQL, Redis, and Google Cloud, I contribute to Amarta's mission of providing financial services to underserved communities.

Key Achievements & Contributions:

- Optimized Code Structure:

Collaborated with the Lead and Principal Engineer to reorganize the project structure, improving code visibility and streamlining onboarding for new developers.

- Knowledge Sharing Initiatives:

Conducted internal knowledge-sharing sessions on generic programming, helping enhance the technical expertise of the IT division.

- Digitalizing Loan Origination:

Spearheaded the development of a Loan Origination Dashboard, streamlining the loan creation process for internal teams and partners, significantly reducing processing time.

- Enhanced Field Operations:

Designed and implemented features that provide a more detailed loan performance outlook, empowering field officers to better manage non-performing loans.

Tech Stack & Tools:

- Languages & Frameworks: Golang, Generic Programming

- Databases: PostgreSQL, Redis

- Infrastructure & Tools: Google Cloud, Docker, HashiCorp Vault, Unleash (Feature Flags)

Through innovative engineering and a focus on financial inclusion, I contribute to Amarta's mission to transform how microloans are managed and distributed across Indonesia.

Klikdaily

3 years

Senior Backend Engineer

February 2022 - January 2023 (1 year)

Kota Tangerang Selatan, Banten, Indonesia

Empowering Indonesia's Mom-and-Pop Stores Through Scalable Technology

Promoted to a senior role to mentor junior engineers and collaborate closely with the Tech Lead on enhancing and scaling Klikdaily's backend systems.

Played a pivotal role in driving technical improvements, delivering new features, and resolving critical bugs. Worked with a diverse tech stack, including TypeScript, MongoDB, Cloud Firestore, Firebase Functions (Serverless), ElasticSearch, Golang, and Vue.js.

Key Achievements & Contributions:

- System Modernization:

Partnered with the Tech Lead to design and execute the transition from a monolithic architecture to a microservices-based system, improving scalability and maintainability.

- Tech Stack Evolution:

Led the transition of the backend codebase from Node.js to Golang, enhancing performance and ensuring long-term viability.

- Feature Development & Bug Fixing:

Spearheaded the development of new features and tackled high-priority bug fixes, ensuring smooth operations for Klikdaily's platform.

- Mentorship & Collaboration:

Guided junior engineers through code reviews and technical sessions, fostering a culture of learning and continuous improvement within the team.

Tech Stack & Tools:

- Languages & Frameworks: TypeScript, Golang, Vue.js

- Databases: MongoDB, Cloud Firestore

- Infrastructure & Tools: Firebase Functions (Serverless), ElasticSearch

Contributed to Klikdaily's mission of revolutionizing the supply chain for Indonesia's mom-and-pop stores by building reliable and scalable backend systems.

Back End Engineer

February 2020 - February 2022 (2 years 1 month)

Tangerang, Banten, Indonesia

Empowering Indonesia's Retail Revolution Through Technology

Recruited to join a nimble, high-impact team of four engineers to enhance Klikdaily's platform, driving feature innovation and optimizing system performance. Played a critical role in developing new functionalities, improving operational efficiency, and supporting the digital transformation of local businesses. Utilized a cutting-edge tech stack including TypeScript, MongoDB, Cloud Firestore, Firebase Functions (Serverless), Golang, and Vue.js.

Key Achievements & Contributions:

- Enhanced Customer Engagement:

Designed and implemented key features like digital payments and voucher promo codes, boosting customer satisfaction and increasing platform usage.

- Streamlined Logistics & Cost Savings:

Developed APIs for an internal Transport Management System, optimizing delivery routes and reducing infrastructure costs—helping Klikdaily scale more efficiently.

- Rapid Prototyping & Delivery:

Built the backend for a Point of Sales (POS) system in just 2 weeks, enabling the rapid digitalization of local mom-and-pop stores and accelerating their path to modernized operations.

- Strengthened Code Quality:

Collaborated with the Team Lead to introduce unit testing frameworks, enhancing code reliability and reducing bugs, leading to smoother deployments.

Tech Stack & Tools:

- Languages & Frameworks: TypeScript, Golang, Vue.js

- Databases: MongoDB, Cloud Firestore

- Infrastructure & Tools: Firebase Functions (Serverless), Unit Testing

At Klikdaily, I contributed to building a more resilient and scalable system, empowering Indonesia's mom-and-pop stores to thrive in the digital economy.

Wave Consulting Indonesia

Back End Developer

July 2019 - February 2020 (8 months)

Greater Jakarta Area, Indonesia

Delivering Tailored Digital Solutions to Empower Businesses

As a Back-End Developer at Wave Consulting, I provided end-to-end development and technical support for diverse clients seeking to digitalize their business operations. Leveraged a versatile tech stack including TypeScript, PHP, MongoDB, MySQL, and Alibaba Cloud to deliver robust, scalable solutions tailored to each client's needs.

Key Achievements & Contributions:

- Engaging Consumer Experiences:

Developed the backend for the Toraccino App, a quiz game designed to promote a client's coffee products, boosting brand engagement and customer loyalty.

- Streamlining Education Management:

Built the backend for Aiva, a comprehensive childcare and school management platform, enabling seamless communication and operational efficiency for schools and parents.

- Connecting Students with Opportunities:

Engineered the backend for KampusYuk, a platform that bridges high school graduates with universities, simplifying the application process and helping students make informed decisions.

Tech Stack & Tools:

- Languages & Frameworks: TypeScript, PHP

- Databases: MongoDB, MySQL

- Infrastructure: Alibaba Cloud

At Wave Consulting, I transformed client visions into powerful digital tools, helping businesses enhance their operations, reach new audiences, and achieve their goals.

Pengelola Nama Domain Internet Indonesia (PANDI)

Internship Trainee

March 2018 - July 2018 (5 months)

Banten Province, Indonesia

Supporting Indonesia's Digital Ecosystem

Joined PANDI as a Semester 7 intern, contributing to the management of Indonesia's internet domains by developing a dynamic and user-friendly landing page. This project showcased critical information about expired Indonesian domains, helping users stay informed and take timely action.

Leveraged technologies such as PHP, MySQL, and Laravel to deliver a seamless experience.

Key Contributions:

- Landing Page Development:

Designed and implemented a responsive landing page that displays a comprehensive table of expired domains, ensuring clarity and accessibility for users.

- Data Management:

Utilized MySQL to manage and organize domain data efficiently, providing real-time updates on domain statuses.

- Framework Expertise:

Applied Laravel to streamline backend development, ensuring a scalable and maintainable solution.

This internship provided hands-on experience in web development while contributing to Indonesia's growing digital infrastructure.

Universitas Pelita Harapan

Undergraduate Teaching Assistant

January 2018 - April 2018 (4 months)

Banten Province, Indonesia

Empowering Future Developers through Hands-On Learning

Selected to assist in Java Lab courses for second-semester students, playing a key role in their learning journey. Worked closely with the lecturer to enhance the lab experience and ensure students developed a solid foundation in Java programming and related tools.

Key Contributions:

- Student Mentorship:

Provided one-on-one and group support, answering student questions and guiding them through complex programming concepts.

- Project Assessment:

Collaborated with the lecturer to grade student projects, offering constructive feedback to help students improve their coding skills.

- Lab Supervision & Technical Support:

Supervised lab sessions, ensuring students effectively utilized tools such as Java SDK, Eclipse, and the Swing Library to build dynamic applications.

- Skill Development:

Helped students troubleshoot and debug their code, fostering problem-solving skills and boosting their confidence in programming.

This role honed my ability to explain technical concepts clearly and ignited my passion for mentoring aspiring developers.

Education

Universitas Pelita Harapan

Bachelor of Computer Science, Information Technology · (August 2015 - June 2019)