Steven Tjoa Tanudjaja

Software Engineer | Solution Architects

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ABOUT ME

I am a dedicated and results-driven Software Engineer and Solution Architect with strong expertise in system design, backend development, and scalable architectures. Skilled in Java, SQL, and modern integration frameworks, I design and implement secure, high-performing solutions that bridge business objectives with technical excellence.

My experience spans end-to-end solution delivery, from defining architectural blueprints to ensuring alignment with enterprise standards and best practices. Passionate about innovation and performance, I combine engineering precision with architectural strategy to build sustainable, impactful systems that drive organizational growth and operational efficiency.

EXPERIENCES

Software Engineer, *PT. Allianz Life Indonesia*

MAR 2022 - May 2024

Java Developer Engineer, Technical Analyst, and Business Analyst

- Led developer interactions to facilitate clear communication and negotiation between end-users and IT stakeholders, ensuring alignment with project objectives.
- Collaborated with Product Owners and Business Analysts to conduct thorough requirements analysis and design effective system solutions.
- Contributed to the Development Team by applying agile methodologies to drive continuous improvement and ensure the timely delivery of high-quality software.
- Provided specialized expertise to the Application Support team, focusing on middleware and backend system support.

Technical Leader, *PT. Indivara Group*

OCT 2021- MAR 2022

Technical Leader, Technical Analyst, Business Analyst, and DevOps Engineer

ARCHITECTURE & CLOUD

- AWS
- Kubernetes
- Docker
- CICD Pipelines
- Microservices
- System Design

PROGRAMMING & DEVELOPMENT

- Python
- Java (Springboot)
- Node (TS)
- REST APIs
- Golang
- Git
- Linux

DATA ANALYTICS

- SQL
- Power BI
- Tableau
- Pandas
- NumPy
- Data modelling

DATABASES

- PostgreSQL
- SQL
- MySQL
- Oracle
- NoSql (MongoDB)

- Acted as a technical leader with expertise in technical analysis, business analysis, and DevOps engineering, driving the successful execution of development initiatives.
- Led the development team, coordinating closely with clients in the Philippines through regular meetings to ensure alignment with project goals and expectations.
- Provided strategic recommendations to enhance system design and application functionality, optimizing performance and improving the user experience.
- Collaborated with testing teams to implement and streamline automated testing procedures, ensuring high-quality software delivery and enhancing efficiency throughout the development lifecycle.

Java Developer Engineer, *PT. Fintopia Indonesia*

AUG 2019 - OCT 2021

Java Developer Engineer, Technical Analyst, Development Team Technical Leader, and Testing Analyst

- Led the technical design and application development, providing strategic direction to optimize system performance and functionality.
- Spearheaded system enhancements and design optimizations through data-driven recommendations, driving continuous improvement.
- Fostered strong partnerships with OJK (Financial Services Authority) and AFPI (Indonesian FinTech Association), ensuring full project compliance with regulatory standards.
- Provided leadership in technical design, development, and system optimization, ensuring seamless integration with regulatory frameworks and promoting effective cross-functional collaboration.

Developer & Operation Manager, *PT. Prudential Life Assurance*

JUL 2016 - AUG 2019

- Led the development team, providing critical oversight in production support, technical leadership, and DevOps practices to ensure seamless operations and optimal system availability.
- Played a key role in software development by optimizing server performance and enhancing system design and application functionality to align with business objectives.
- Conducted comprehensive performance analyses to identify improvement opportunities, enhancing the user experience while ensuring cross-functional alignment.
- Leveraged expertise in coding and system architecture to drive innovative solutions that addressed complex technical challenges.
- Fostered a culture of continuous improvement by encouraging effective communication and collaboration within the team.

Software Analyst & Report Designer, *PT. Emerio Indonesia*

DEC 2015 - JUL 2016

- Served as a liaison between business stakeholders and technical teams,

WEB DEVELOPMENT FRAMEWORKS & TOOLS
- ReactJS
- NextJS
- Angular
- PHP

MOBILE
- Flutter

REPORTING
- Crystal Reports
- Jasper Reports

STRENGTH
- Solution & Data Architecture Design
- Technical Proficiency in Software Development & Integration
- Analytical & Strategic Problem-Solving
- Data-Driven Decision Making
- Adaptability & Innovation in Dynamic Technology
- Project Leadership & Cross Functional Collaborations

CERTIFICATION

AWS Cloud Practitioners

LANGUAGES
- English
- Indonesian

ensuring clear communication and a precise understanding of requirements.

- Led software development initiatives, contributing to the design and enhancement of robust, scalable applications.
- Managed development tasks, optimized application performance, and implemented proactive troubleshooting to resolve issues efficiently.
- Delivered high-quality solutions that consistently exceeded expectations, ensuring reliable, high-performance software outcomes.

Full Stack Developer, *PT. Sentra Solusi Informatika*

MAR 2011 - DEC 2015

- Applied expertise in .NET development, web development, programming analysis, and MySQL database administration to deliver comprehensive end-to-end solutions.
- Specialized in VB.NET to design and implement customized applications, addressing the specific needs of the travel industry.
- Optimized database management and performance as a MySQL Database Administrator, ensuring efficient data handling and scalability.
- Designed and developed detailed reports and data visualizations using Crystal Reports, enhancing data accessibility and driving actionable insights.
- Utilized Laravel for efficient web development, managing both backend systems and front-end interfaces to create seamless, scalable applications.

EDUCATION

University of Wollongong

Sydney, NSW, Australia

Master of International Business

2009 - 2010

University of Wollongong

Sydney, NSW, Australia

Bachelor of Computer Science

2006 - 2008

HOBBIES

- Exploring Emerging Technologies
- Tech Innovation & DIY Projects
- Entrepreneurship & Competitive Strategy
- Global Travel & Cultural Exploration
- Music, Movies & Gaming