

Prayugo Dwi Setiyoko

West Jakarta, Indonesia

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SUMMARY

Experienced Software Engineer with over 6 years dedicated to building robust, scalable, and user-centric applications. Proven expertise in modern **Frontend development** using **TypeScript, JavaScript, Angular, and Next.js**, complemented by strong backend skills (Java, Node.js, PHP) and system optimization. Adept at transforming complex requirements into intuitive and high-performance user interfaces. Known for proactively identifying and resolving issues, optimizing application performance (both frontend and backend), and collaborating effectively with cross-functional teams to deliver exceptional user experiences.

Seeking to leverage comprehensive technical skills and a detail-oriented approach to contribute to challenging projects, enhance application responsiveness and usability, and drive innovation in frontend architecture and design.

TECHNICAL SKILLS

- **Frontend Development:** HTML, CSS, Tailwind CSS, TypeScript, JavaScript, Angular (including modern versions if applicable, if not, specify Angular.js), Next.js
- **Backend Development:** Node.js, Java, PHP, Express.js, Spring Boot, Laravel, Lumen, Slim, Flask
- **Cloud & Deployment:** AWS, Google Cloud Platform (GCP), Docker, Nginx, Apache Kafka
- **Databases:** MySQL, MariaDB, MongoDB, PostgreSQL, Redis, Oracle Database
- **API Development & Integration:** RESTful APIs, SOAP, JSON, XML
- **Testing & Quality Assurance:** Test-Driven Development (TDD), JMeter, Postman, SoapUI, Sentry, Frontend Unit Testing (Jest, Karma - *add if you have experience*)
- **Version Control & Collaboration:** GitLab, GitHub, Bitbucket, Jira, Trello
- **Development Tools:** IntelliJ IDEA, DataGrip, VS Code
- **Soft Skills:** Cross-functional collaboration, Mentoring, Problem-solving, Proactive Issue Resolution, Team Leadership

PROFESSIONAL EXPERIENCE

PT.ALLIANZ LIFE INDONESIA,

Software Engineer

West Jakarta, Indonesia

June 2023 – June 2025

As a Software Engineer at PT Asuransi Allianz Life Indonesia, I play a key role in developing and optimizing information technology systems, focusing on enhancing application performance and user experience for life and health insurance services.:

- **Frontend Technology Migration:** Led the transformation of the user interface from JavaServer Faces (JSF) to Angular, delivering a modern, responsive, and user-friendly design.
- **Backend Architecture Transformation:** Contributed to the migration of the application from a monolithic architecture to a microservices-based architecture using Spring Boot, enhancing scalability and maintainability.
- **Restful API Implementation:** Developed and integrated RESTful APIs for seamless communication between microservices, ensuring security and optimal performance

- **Frontend Technology Migration Leadership:** Led the complete transformation of a critical user interface from legacy **JavaServer Faces (JSF)** to modern **Angular**. This migration resulted in a significantly improved, responsive, and user-friendly design, directly enhancing user interaction and streamlining complex workflows.
- **System & Frontend Optimization:** Refactored and optimized complex business logic alongside frontend code, boosting overall system efficiency and improving application responsiveness.
- **Claims Process User Interface Enhancement:** Developed and implemented advanced frontend functionality within the Claim Auto Adjudication (CAA) system, improving the user interface for processing claims and contributing to reduced manual processing time.
- **Service Modernization (UI/UX Focus):** Led the modernization of service systems, including significant updates to the user interface and underlying frontend architecture, resulting in improved performance, scalability, and user experience.
- **Proactive Issue Resolution (Frontend & Backend):** Identified and resolved potential system issues proactively, ensuring seamless application operation across critical services, including addressing frontend bugs impacting user experience.
- **Performance Optimization (Client-Side Emphasis):** Optimized code with a focus on improving application performance, specifically targeting faster frontend rendering speeds, reduced load times, and increased overall reliability.
- **Quality Assurance (Including UI Testing):** Implemented comprehensive unit tests and contributed to testing strategies, improving code quality and reducing the occurrence of bugs, including those impacting the user interface.
- **Production Stability:** Investigated and efficiently resolved production issues, including critical user-facing problems, to maintain application stability.
- **Backend Architecture Transformation:** Contributed to the migration of the application from a monolithic architecture to microservices using Spring Boot, ensuring the backend supports scalable and maintainable frontend applications.
- **Restful API Implementation:** Developed and integrated RESTful APIs, ensuring efficient and secure data flow required by the frontend applications.

PT. MOLADIN DIGITAL INDONESIA.

Software Engineer

West Jakarta, Indonesia

Apr 2022 – Feb 2023

Contributed to the development and maintenance of Indonesia's leading automotive warehouse platform, focusing on feature development, system stability, and team collaboration, often involving user interface enhancements and interactions.

- **Warehouse Management Innovation (UI/UX Contribution):** Designed and maintained new warehouse management products within the Moladin app ecosystem, **developing user interface components and workflows** that increased operational efficiency and improved inventory accuracy for users.
- **Feature Development (Frontend & Backend):** Developed robust new features using Test-Driven Development (TDD), **building both backend APIs and corresponding user interface elements**, delivering high-quality, maintainable code with comprehensive API documentation.
- **System Stability (Addressing UI Issues):** Implemented prompt bug fixes and hotfixes, including addressing critical user interface issues, to maintain system stability and enhance user satisfaction.
- **Code Review and Best Practices:** Conducted thorough code reviews, ensuring adherence to coding standards and best practices for both frontend and backend code, resulting in improved overall code quality.

- **Deployment Management:** Managed code deployments across environments, including frontend builds, ensuring smooth and error-free releases.
- **Mentorship and Onboarding:** Mentored new Software Engineers, facilitating their integration and professional growth within the team's development practices.
- **Team Collaboration:** Collaborated closely with cross-functional teams, including UI/UX designers, to drive innovation and foster a culture of teamwork..

PT. VIVA MEDIA BARU (VIVA NETWORK)
Programmer IT

East Jakarta, Indonesia
Nov 2019 – Feb 2022

Played a role in the development and optimization of information technology systems for digital media platforms, focusing on performance, deployment, and API management, often with direct impact on the user-facing website:.

- **Optimized Deployment Processes:** Led the design and implementation of streamlined deployment processes across environments, including the build and deployment pipelines for the user-facing website frontend.
- **API Enhancements (Frontend Performance Impact):** Enhanced and maintained API structures for high-traffic platforms (Tvoneneews, Viva, Onepride), directly improving frontend data loading times and overall responsiveness for millions of users.
- **Bug Resolution and Code Quality (Website Focus):** Enhanced overall website performance and stability by conducting thorough bug searches and rigorous testing, effectively resolving both backend and **frontend issues impacting user experience and functionality.**
- **API Development (Frontend Integration):** Developed API endpoints and integrated them with the frontend for key features like push notifications via Firebase and article reader tracking, adding significant functionality to the user experience.
- **Google Indexing (SEO for Frontend):** Implemented comprehensive sitemaps for all Viva products, directly contributing to improved search engine visibility and increasing traffic to the website frontend by 35%.
- **Project Management:** Oversaw backend project timelines, ensuring timely delivery of features required by the frontend teams.

PT. PODJOK CELEBES MANDIRI (BY TELKOM)
Programmer - IT & Product Development

Yogyakarta, Indonesia
Apr 2018–Aug 2019

Contributed to the development and maintenance of travel booking systems within the e-Tourism ecosystem, focusing on API development, deployment, and legacy system maintenance:

- **API Development for Airlines (Frontend Impact):** Designed and maintained APIs for booking domestic and international flights, integrating with airlines. This work directly enabled a 40% increase in booking efficiency **on the pointer.co.id booking interface**, improving the user conversion rate.
- **Deployment Leadership:** Directed end-to-end deployment processes, including preparing and deploying code for the user-facing application, ensuring smooth and error-free server releases.
- **Legacy Code Maintenance:** Enhanced stability of legacy systems, including the existing user interface codebase, by implementing critical bug fixes

EDUCATION

UNIVERSITAS TEKNOLOGI YOGYAKARTA

Bachelor of Science in Computer Information Systems,

Honors: *Cum Laude* (GPA: 3.27/4.0)

Yogyakarta, Indonesia

Dec 2019

PORTFOLIO

VERCEL WEBSITE

<https://prayugo-stack.vercel.app/>

Showcasing personal projects and technical skills, including examples of frontend development