Brandon Julio Thenaro

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WORK EXPERIENCES

Senior Software Engineer
Farmio

May 2024 – Present
Singapore

- Reduced AWS S3 storage usage by 48% through file compression, resulting in a 50% increase in cost savings.
- Lead the design overhaul to use shadcn/ui, modernizing the UI, better frontend performance, and 100% better developer experience (DX) relative to the old design system.
- Actively participate in collaboration between design and technical teams, implementing an agile feedback loop that reduced iteration cycles and accelerated time-to-market by 25% for key product features.
- Mentored and provided technical leadership to team developers, resulting in increased sprint velocity, improved code quality and reduced onboarding time for new team members by 50%.
- Proactively identify, design solution, and resolve system bottlenecks, resulting in a 60% improvement in application performance.

Software Engineer
Farmio

Jul 2023 – May 2024
Singapore

- Designed and implemented a system that seamlessly integrates OpenAI API with WhatsApp to receive order chat messages and transform them into structured data, reducing order processing time by 30%.
- Develop three web portals serving as Software-as-a-Service (SaaS) solutions, facilitating B2B interactions for 50+ businesses and handling 100+ daily transactions.
- Actively identifying potential security vulnerabilities and recommending preemptive solutions, effectively fortifying the system against external threats by 40%.
- Actively participate and contribute in QA activities, enhancing customer satisfaction and reducing bug rates by 15%.
- Optimized React Native Fastlane CI/CD pipeline by using Github Actions caches, cutting build times by 40% and accelerating product deployment iteration by 2x.

Full Stack Engineer (RnD Staff)
Bina Nusantara University

Aug 2021 – Aug 2023
Jakarta

- Optimized Laravel, Next.js, and Nginx web application by configuring Nginx for performance and using Laravel Octane to scale up to 500 concurrent users and 2.500 average daily active users.
- Enhanced web application deployment process by utilizing Docker and writing deployment shell scripts, resulting in simplified deployment, resulting in increased developer productivity by reducing deployment time up to 70%.
- Analyzed and fixed slow database queries and algorithms by using proper and proven best practice query technique and data structures, resulting in faster server response time up to 5 seconds.

Full Stack Engineer (Programmer Intern)
Bina Nusantara University

Sep 2021 – Jul 2022
Jakarta

- Developed a full stack web application that streamlined thesis administration processes such as thesis approval and group forming, resulting in 30% faster processing time.
- Elevated project maintainability by writing unit tests using PHPUnit, ensuring correct feature functionalities and early bug detection during new feature development, reducing post-release issues by 40%.
- Orchestrated Laravel web application deployment in Linux server environment to handle up to ∼500 users.