

# Brandon Julio Thenaro

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## WORK EXPERIENCES

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|--|----------------------------------|
| <b>Senior Software Engineer</b><br><i>Farmio</i>   | May 2024 – Present<br>Singapore  |
| <ul style="list-style-type: none"><li>Reduced AWS S3 storage usage by 48% through file compression, resulting in a 50% increase in cost savings.</li><li>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.</li><li>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.</li><li>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%.</li><li>Proactively identify, design solution, and resolve system bottlenecks, resulting in a 60% improvement in application performance.</li></ul>        |                                  |
| <b>Software Engineer</b><br><i>Farmio</i>  | Jul 2023 – May 2024<br>Singapore |
| <ul style="list-style-type: none"><li>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%.</li><li>Develop three web portals serving as Software-as-a-Service (SaaS) solutions, facilitating B2B interactions for 50+ businesses and handling 100+ daily transactions.</li><li>Actively identifying potential security vulnerabilities and recommending preemptive solutions, effectively fortifying the system against external threats by 40%.</li><li>Actively participate and contribute in QA activities, enhancing customer satisfaction and reducing bug rates by 15%.</li><li>Optimized React Native Fastlane CI/CD pipeline by using Github Actions caches, cutting build times by 40% and accelerating product deployment iteration by 2x.</li></ul> |                                  |
| <b>Full Stack Engineer (RnD Staff)</b><br><i>Bina Nusantara University</i>   | Aug 2021 – Aug 2023<br>Jakarta   |
| <ul style="list-style-type: none"><li>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.</li><li>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%.</li><li>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.</li></ul>   |                                  |
| <b>Full Stack Engineer (Programmer Intern)</b><br><i>Bina Nusantara University</i>   | Sep 2021 – Jul 2022<br>Jakarta   |
| <ul style="list-style-type: none"><li>Developed a full stack web application that streamlined thesis administration processes such as thesis approval and group forming, resulting in 30% faster processing time.</li><li>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%.</li><li>Orchestrated Laravel web application deployment in Linux server environment to handle up to ~500 users.</li></ul>  |                                  |