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| Angry Ronald  Software Engineer | |
| Profile A software engineer who really enthusiastic about CAP Theorem and Software Architecture. Loves big and complex problems. In terms of delivering products, I set a high standard for quality.  I am a team player with good communication and analysis skills. I used to lead teams, collaborate with subordinates and review their performance. I find training, teaching and sharing knowledge as my other passion. Employment HistorySenior Software Engineer at **BrioHR**, **Malaysia** ***Full-Time Remote Contract Position***  May 2023 — Now   * Building a report service using Typescript as the programming languages, Mongo as the NoSQL database, Github as the repository, RabbitMQ as the message broker, Redis as the Read Database, and Docker as Containerize tools. * Reporting to Head of Engineering * Collaborating with a product manager and engineering team on the sprint planning * Working on the design of the sprint task  Senior Software Engineer at **Glovo**, Barcelona**, Spain** ***Full-Time Permanent Position***  October 2022 — January 2023   * Working on Logistic as a Services using Java (Springboot) as the programming languages, MySQL Server as the relational database, Github as the repository, Kafka as the message broker, Terraform for Infra as a code to adding the metrics, Datadog as the monitoring tools, and Spinnaker as the Deployment monitoring tools. * Collaborating with a product manager, quality insurance, engineering team on the sprint planning * Working on the design of the sprint task  Software Engineer at **Agoda**, **Bangkok, Thailand** ***Full-Time Permanent Position***  September 2021 — September 2022   * Working on Microservices using Scala as the programming languages, MsSQL Server as the relational database, Gitlab and Github as the repository, Kafka as the message broker, and Hadoop as the sharding database. * Collaborating with a product manager, quality insurance, engineering team on the sprint planning * Working on the design of the sprint task * Setup CI/CD using Teamcity (Previously) and Gitlab (Currently) * Setup and configure cloud server on-premises  Lead Software Engineer at PT Payfazz Teknologi Nusantara, Jakarta, Indonesia ***Full-Time Permanent Position***  August 2019 — August 2021   * Collaborate with the product team in defining sprint backlog, breaking down tasks from sprint backlog, scheduling and assigning tasks to the team members, reviewing code, and delivering services to the production and development server. * Collaborate with the CTO and the team while considering the business model in deciding the future design and architecture that might be applied. * Manage four teams and each team will be responsible for a service. * Troubleshoot problems at the production level such as memory issues, performance issues, dependency on other services issues, and so on. Having sharing sessions about the latest technology concepts with the team. * Implementing the GitHub Issue and GitHub Project to align and assign tasks and monitor the project progress (Asana as the previous tools). * Migrate Monolith Architecture to Microservices Architecture and apply SAGA Pattern along with Idempotent ID along with Blue-Green Deployment. * Migrate Microservices (Synchronous) to Event-Driven Architecture (Microservices Asynchronous)  Senior Software Engineer at PT Payfazz Teknologi Nusantara, Jakarta, Indonesia ***Full-Time Permanent Position***  September 2018 — July 2019   * Working on a Microservice architecture based system using Go and PostgreSQL. * Doing review code (refers to clean code). * Implementing Domain-Driven Design with SOLID Principle. * Deploy the services into AWS. * Using Git (GitHub) as repository tool and Docker as Containerize tool. * Communicate with the product team to discuss the system's requirement also considering user experience and long term planning of the product to prevent the wrong design during implementing the MVP concept.  Technical Associate at Blockchain Zoo, Bali ***Full-Time Remote Project Based Position***  May 2018 — November 2018   * Job Description:   + Learn about Blockchain system based on NXT platform.   + Assign in a team to redesign the NXT Platform based from NXT Jelurida.   + Help in designing the client system.  Lecturer Specialist Coordinator at Universitas Bina Nusantara, Jakarta, Indonesia ***Full-Time Permanent Position***  October 2016 — July 2018   * Job Description:   + Monitor the subordinates' performance,   + Assign the task to subordinates,   + Collaborate between School of Computer Science and Software Laboratory Center according to the subject reviewed,   + Communicate with Subject Content Coordinator and Subject Development Coordinator assistants related to subject reviewed or subject going to be created that will be run on laboratory,   + Teaching and Giving training,   + Serving in the public community provided by Teach for Indonesia,   + Reporting the performance of subordinates to supervisor. * Teaching Subject:   + Algorithm and Programming,   + Algorithm Design and Analysis,   + Software Engineering,   + Code Re-engineering,   + Data Structure in C, and   + Object-Oriented Database. * Participate in Creating and Review Subject:   + Pattern Software Design (Applications of Domain-Driven Design Concept and implementations) and   + Code Re-engineering (Clean Code and Refactoring). * Professional Services: Handle 3 professional services projects during this time.  Lecturer Specialist at Universitas Bina Nusantara, Jakarta, Indonesia ***Full-Time Permanent Position***  May 2013 — September 2016   * Job Description:   + Teaching,   + Create and Review Subject,   + Research,   + Community Service,   + Training,   + Handle Project (Professional Services). * Teaching Subject:   + Algorithm and Programming,   + Data Structure in C,   + Java Programming,   + Web Programming (Basic HTML and JavaScript). * Participate in Review and Improve Subject:   + Algorithm and Programming Language,   + Data Structure, and   + Algorithm Design and Analysis. * Professional Services: Handle 2 professional services projects during this time.  Expert and Trainer at Kementerian Ketenagakerjaan Republik Indonesia, Jakarta, Indonesia ***Part-Time Contract Position***  June 2015 — July 2018  Train and Supervise Indonesia Team for ASEAN Skills Competition and World Skill Competition for IT Software Solution for Business. Working for Ministry of Manpower of the Republic of Indonesia under supervision of Mr Bong Win Ce. Software Engineer at Rockliffe System, Jakarta, Indonesia ***Full-Time Permanent Position***  January 2012 — May 2013   * Develop email migration system using C#, * Develop an internal project based on a web application using PHP acts as a RESTful API on the server-side and for the client-side HTML, jQuery (Javascript library to simplify the call to server-side part in order to make the server-side and client-side on loosely-coupled), Bootstrap (CSS framework) are used, * Helping on user acceptance test Mangga application, and * Helping in delivery Mailsite on the client company.  Software Engineer (Freelance) at PT Gemah Berkat Usaha, Jakarta, Indonesia ***Part-Time Project Based***  September 2010 — February 2012  This job divided into 2 phase.   * The first phase was held on Sept '10 until April '11. On this phase, we developed the stock, production, and sales systems (Desktop Application) using C# with Model-View-Controller Framework and Crystal Report with SQL Server as the database. We used a lot of stored procedure to encapsulate the process in the database. * The second phase was held on May '11 until Feb '12. On this phase, we developed Customer Relationship Management systems (Web Application) using Native PHP with Model-View-Controller Framework as the server-side web, and Native CSS and JavaScript along with HTML as the client-side web. For the database we used MySQL.  Associate Member at Bina Nusantara IT Division, Jakarta, Indonesia ***Part-Time Contract Position***  August 2010 — June 2011  Develop Internal Project of Bina Nusantara University based on Desktop Application using .Net Framework (Mostly C# and VB.Net and a few of VB 6) and Heterogeneous Distributed Database. Instructor at Bina Nusantara Computer Club, Jakarta, Indonesia ***Part-Time Contract Position***  August 2010 — July 2011  Instructor of Basic Java Programming in one of student's organization in Bina Nusantara University during my undergraduate program EducationBachelor of Computer Science, Binus University, Jakarta September 2008 — July 2012  GPA: 3.94 of 4.00 (*Summa Cum Laude*)  Thesis: Analysis and Design Customer Relationship Management System on PT. Gemah Berkat Usaha based on Web Application Master of Information Technology, Binus University September 2012 — July 2014  GPA: 3.59 of 4.00 (*Cum Laude*)  Thesis: Plagiarism Detection Algorithm Using Natural Language Processing Based on Grammar Analyzing  Published: Journal of Theoretical and Applied Information Technology  Vol. 63, No. 1, May 2014 Conferences Speaker at [Geekle](https://geekle.us/), Worldwide Software Architecture Summit vol. 2 (Aug, 21) “***Migrating Monolith into Microservices***” ReferencesIgusti Manik Sugiyani from Rockliffe System Igusti.manik@rockliffe.com · +1-408-930-4414 Indra Dwi Rianto from Universitas Bina Nusantara Indra.rianto@binus.edu · +62-812-8698-987 Dion Darmawan from PT Maskapai Reasuransi Indonesia, Tbk dion.darmawan@marein-re.com · +62-813-1787-9757 Others can be found on [LinkedIn](https://www.linkedin.com/in/angryronald/details/recommendations/) | Details +6281213505206 (Indonesia) angry.ronald2390@gmail.com Links [LinkedIn](https://www.linkedin.com/in/angryronald/)  [Github](https://github.com/angryronald)  [Leetcode](https://leetcode.com/angryronald/) Languages English *Very good command*  Bahasa Indonesia *Native speaker* Skills Programming Language:   * Go * Scala * PHP * Java   Repository:   * Git   Containerize Tools:   * Docker   Tools:   * Vault * Consul * Redis * Teamcity * CSpider * Cucumber   Database Relational:   * PostgreSQL * MsSQL * MySql   Testing:   * Unit Testing * Integration Testing * End-to-End Testing * Stress/Load Testing   Monitoring:   * Grafana * Kibana   Software Architecture:   * Monolith * Microservices * Event-Driven * Distributed System   NoSql:   * AWS DynamoDB   Messaging / Pubsub:   * Kafka * AWS SQS * AWS SNS   AWS Tools:   * AWS ECS (EC2) * AWS S3 * AWS Cloudwatch   Other Skills:   * RESTful * gRPC * graphQL * Test Driven Development * Setup CI/CD * Setup and Configure Server * Lead Team * Design Story * Estimate Story Point * Apply Circuit Breaker * Apply API Caching * Monitoring and Troubleshoot issue on Production stage * Apply Blue-Green Deployment * Apply SAGA Pattern * Domain-Driven Design * SOLID Principle * Dependency Injection * System Design * E-Commerce |