Rizqy Eka Putra Rizaldy

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Objective

An engineer that is interested in collaborating with the product and engineering team to build high performance and problem-solving products. Also a product-management enthusiast in heart, a team player and a Leader proven with various Organizational Experiences.

Skills and Abilities

- Code in different languages, frameworks and runtime such as : PHP, Java, Golang , Node.JS with Various Frame Works and Stack attached
- Build and Scale Software Engineering Team efficiently to meet business end and product end requirements.
- Design and develop applications business logic to meet the company or customer digital transformation eneds.
- Knowledge on Software Architecture such as API , Microservices , Pub-Sub, CI/CD
- Experienced with Google Cloud and AWS Products
- Optimizing request and response performance of the server-side application

- Choosing most optimal tech-stack for different project scale
- Adopt languages or frameworks best practice and also follow the Software Design Principle
- Analytical and Critical Thinking to solve daily basis problems and also software development related problem.
- Organizational Leadership and Management , proven with experiences and achievement gained while leading and being the team player on several occasions.
- Project management and timeline planning proven with various development experiences.

Work and Project Experiences

Chief Technology Officer - Nodewave Indonesia

(July 2023 - Present)

- Co-Founded a digital transformation Startup that build various systems from ERP System to Computer Vision Based Surveillence System
- Acting as the solo initial Backend Engineer Working on Various Project Such as On Demand Coffee Delivery App , HRIS and ERP System for Steel Manufacture, Property Listing Services
- Landed and Delivered 4 Of our Biggest Project (Big Data Project for Goverment Sector and Company Wide Report Tracking , Japanese Based Company ERP, Construction Site CCTV Surveillence with Machine Learning) within the first year.
- Grow and Scale an Engineering Team from 2 People to 12 People in a year, spreading wings to not only software development sector but also in Data and AI
- Built a Node.JS Based Backend Templates along with the Node.JS CRUD Generators with Our Custom Framework , improving Engineers Productivity by 70% in building various features
- Internally I am in charge of Supervising all End to End Project and Product Development related flows, from Product, Design and also Engineering Team.
- Externally, I am in charge to help the Clients Understand the Impact of Digital Transformation for their companies also Directed and Consulted Join Development Projects with Goverment Sector.
- Introduced a Monthly Personal and Peer Reviews to help the team grow and bond together by collecting anonymous feedback to motivates them.

Software Engineer - S-Quantum Engine (Remote Working)

(April 2023 - Present)

- Designed the initial E-KYC, Passive Liveness Check and E-Sign Flow using C4 Diagrams
- Implemented the E-KYC , Passive Liveness Check Service
- Designed a Queue System to Ensure Parallel Signings are done in order and also consume efficient resources by utilizing Cron Scheduler and Pub-Sub.
- Primarily work with Golang and Various GCP Technologies such as Google Cloud Storage, GKE, Cloud

SQL, Cloud Pub-Sub

- Initialized the base repo that follows the clean-architecture pattern
- Built Wrapper Packages for Various 3rd Party Services
- Designed and Implemented Parquet Sending Data Ingestion by utilizing Buffer and Bytes Conversion to write in-memory temporary parquet file for Client Billing Requirements, Resulted in KYC Service being the most stable , fastest and also one of the first that ingested this data to the SQE Billing Portal

Software Engineer - StaffAny Singapore (Remote Working)

(August 2022 - April 2023)

- Working on StaffAny's Mobile and Web Platform, mainly focused as Backend Developer
- Developed An ATS Form Generator (Google Form like Form Generator) for Job Application on both Front End and Back End Side.
- Presented an Idea on Monthly Sharing to Implement the Cursor-Based Pagination on Key Features that is slow at that time, also led the implementation which resulted in 120-150% Faster Load time in Mobile and Web Key Features such as Timesheet, Timesheet Recalculation, Timesheet Exports.
- Embracing cleaner code structure and less faulty codes (the backend has no clear structure at that time) by implementing Service Repository and Later on also adopting several parts from Clean Architecture that suits the project codebase

Software Engineer - Pandatech Indonesia (Remote Working)

(March 2022 - August 2022)

- Work closely with CTO from assigned clients to build the backend microservice of Cargo Ship Tracking Application
- Working with Various Tech Stacks in Various Projects such as Java, JavaScript, Golang in Cargo Ship Tracking, E-Commerce and Also Financial Application.
- Implemented and Integrated various Google Cloud and AWS Services on various projects

Lead Web Engineer and Project Manager - LingoTalk Indonesia (Remote Working)

(August 2021 - March 2022)

- Handle a team that consisted of 25+ people in total from Front End and Back End division.
- Work closely with product managers and also business team to meet the ideal timeline on every feature building iteration
- Build a new team structure to maintain the web development performance and productivity
- Introduced a Mixtures of Async + Sync Daily Standup for Engineers and also Kanban Based Development Sprint to ensure transparent progress tracking by stakeholder and engineering peers and also making sure deliverables are met on time
- Introduced Story Pointing system to avoid workload being overloaded on only some engineers and maintain engineer's productivity on the right level.
- Supervising the talent hiring process for the web development team from interns to full timer
- Won the Employee of The Month award for November 2021 Period.

Backend Engineering Lead - LingoTalk Indonesia (Remote Working)

(March 2021 - July 2021)

- Promoted to Lead Team that Consists of Full Timers and Interns after 1.5 Months of working as an intern in the Startup
- Reviewed all codes related to backend needs of LingoTalk platform
- Manage and plan timelines to meet the product requirements on the backend team backlog
- Implemented a more structured way to assign engineer on new task by creating a ticketing and issue system with complete guideline to the task
- Refactored the backend codebase and increased the LingoTalk API performance down to 1 - 3 seconds on all API
- Working on High Priority and High Difficulty Features such as Appointment Scheduling System, Payment Gateway Integration.
- Introduced the Equivalent way of SQL's JOIN to merge relational data on Database Level in Fauna DB by utilizing Fauna's Function. Improving Classroom and Appointment Page Load Time by +-300%

Software Engineer Intern – LingoTalk Indonesia

cRemote Working)

(January 2021 – March 2021)

- Write performance and data structure efficient code for the Server Side Application - API Testing and Documentation using Postman
- Collaborate with other developer using Online Code Hosting Platform
- Execute and Report Task with Agile Workflow
- Fix performance related or functional bug
- Design , developed and test feature implementation on the Server Side (BackEnd) - Migrate and Integrate various Back End Tech Stack and Database (SQL and NoSQL)

Warkop Desa Sidamangura – Web Developer

Project Based Remote Working

(October 2020 – November 2020)

- Developed a Single-Store E-Commerce from scratch with Various Technologies and tools such as : PHP, Laravel, JavaScript, MySQL, Bootstrap CSS Framework, Jquery Library
- Coded the entire system both on the Front End and Back End
- Developed all features from Customer Pages like Ordering Flow (including Product Page , Cart Page , Order Creation Page, Checkout Page) and also Admin Pages (Product Management , Order Management , Finance Management , Store Performance Analytics chart)
- Managed the system deployment to a CPanel based Hosting

Moumou Cakery – Web Developer and Co-Owner

Banda Aceh , Aceh , Indonesia

June 2020 – Now

Link to project : https://moumoucakery.com

- Directed the social media content in order to gain attraction on the social media - Directed the branding strategy to promote the Cakery
- Designed the Website Interface with Figma
- Full-Stack Developed the website with various technology including Google Cloud Storage , PHP, Laravel , JavaScript, Bootstrap CSS, jQuery
- Developed the Cakery's Internal Information System (also hosted on the main domain) named SiMou which has features like Order Management and Finance Data Analysis and Management

- Developed the Guest Ordering System which designed so that customer would only have to access one page while adding the items to cart and then proceed to checkout . - Planned the Customer Loyalty Program and also developed it in the form of Membership Account , to gain more data to analyze and also provides the customer with loyalty benefits in the form of Redeemable Points called MouPoints.

Organizational and Leadership Experiences

Head of Organization

HMTK Telkom University (Computer Engineering Student Association) (2021 - 2022)

- Work closely with 3 head of division and 8 head of departments to implement a more productive student association program.

- Build a foundation to increase the student association acknowledgement and performance

- Restructure cross-department workflow and hierarchy by implementing flat hierarchy adoption

- Held various internal upgrading events to increase staff and department leads productivity such as effective program management, public speaking workshop, etc.

- Initiated the first HMTK Nationwide event (Compile Tech Fest) which consisted of 10 events in total inside of it.

Event Lead Coordinator – Starting Your Journey As a Software Engineer Webinar

SEA Lab x HMTK Telkom University (2021)

- Held responsible to Coordinate and Supervise all division
- Planned the event flow with all members
- Collaborated with various Organization and Other Campus Student Association to Promote the Event
- Successfully gained total of 377 registered participant Nationwide in just 6 days of event promotion

Academic and Professionalism Department Staff

HMTK Telkom University (2020)

- Held responsible to Coordinate and Supervise the biggest event on Computer Engineering (CE Tech Days) 2020 which consists of 4 Workshops and Seminars inviting Indonesia's most influencing people in tech (events are all cancelled due to COVID-19)
- Planned the idea of Company Visit to tech companies in Indonesia such as Microsoft and AWS - Collaborated with the Info-Com Department to post Tech-Related Content on the HMTK's Instagram , also served as the Content Director
- Coordinated and Managed the Student's Exam Preparation by delivering a program called "Responsi" , a guided exam preparation by the upper-year student to the lower on several Course Subjects

Teaching and Research Assistant

SEA Laboratory (2020 - 2021)

- Responsible as teaching assistant for the 2nd year student on the Object Oriented Programming Lab Work using Python
- Founded, teached and also directed the Curriculum of a Study Group called SEA Fundamentals of Software Engineering (inspired by CS50 Intro to CS) , which aimed to prepare and improve the quality of 1st and 2nd year students who has interest in the world of Software Engineering
- Coordinating the Back End Development Research group which is mainly focused on researching to create high-performing API and Microservices while also sharing knowledge in every occasion.

Overclock 2020 Regeneration Program

HMTK Telkom Univeristy (2020)

- Together with all division , planned a new fresh concept for Online Program Events/Series due to the COVID-19 Pandemic struct to keep the program alive and ensured that the next generation will have the value needed to join and hold the next HMTK staff position.

- Served as the Rules , Discipline and Evaluation team which focused on creating a specific set of rules for the regeneration program participant (2nd year students) to follow during the program.

- Gives evaluation in the end of every program series to the Program's participant , to help them develop themselves and prepare to be the next generation HTMK Staff and Leader - Responsible on the "Negotiation , Self Confident and Organizational Knowledge" evaluation on the final event , to enable the participant soft-skill by giving them material and real-world scenario test on the spot

Program Chief Executive - SAN TELKOM UNIVERSITY 2020

- Planned an Event to promote Telkom University to Aceh in just 2 weeks of time with Limited Resources of 20 people , and managed to get 200 Participants
- Developed an Online Ticketing System (the first Event to have in-house online ticketing system in Aceh)
- Managed an efficient budgeting by only using 50% of the Campus Allocated Budget on the entire event preparation and execution

Vice Chairman – MPK OSIS SMAN 3 Banda Aceh (2015 – 2016)

- Coordinating the biggest High School Art Event of 2016 in Aceh named Petani Antig IX
- Ensured all the students aspiration is well received by the Student Body - Evaluated the Student Body work on every event that it held, by analyzing the report and matching it with the result of previous supervising.
- Host a 8 weeks of total Leadership program in order to prepare the next generation MPK-OSIS , this program is called Diklat MPK and Diklat OSIS
- Host the annual MPK and also OSIS Chairman Election , also ensuring there are no violation conducted during the election

Education

Telkom University – Bachelor of Computer Engineering

Bandung, West Java, Indonesia (2018 – 2022)

- Leader of Acehnese Student batch 2018
- Mentor on Introduction to Computer Engineering Course , Algorithm and Programming Course
- Member of IEEE Student Branch Telkom University serving as Public Relation Staff - Attended IEEE Indonesia Communication Society Annual Member Gathering and Technical Talks by Invitation
- Bali Asia International Model United Nations 2019 Delegates of UNESCO
- Toyota Fun/Code 2019 Hackathon Finalist (IoT Based Accident Response System with Computer Vision)
- Top 10 of Management Creativity Festival Business Plan Competition with PASKAL (a seller-centered local product only E-Commerce) business idea.

SMA Negeri 3 Banda Aceh (Senior High School)

Banda Aceh , Aceh , Indonesia (2015 – 2018)

- Class of 2018 Leader
- Vice Chairman of the MPK-OSIS (Student Representation – Student Body)
- Bronze Medal Winner of ENS Olympiad on Informatics (Computer) Science Subject for Aceh Region
- Musical Poetry Group Leader (winning total of 14 trophies from 2 years competing) - Musical Poetry Group Coach and Mentor (winning 4 straight competition in just 3 months of coaching the group)

Honors and Awards

- Toyota Fun/Code Hackathon 2019 Finalist (Selected 70 of 1000+ applicants)
- Infest Phormace 2020 Web Academy's Best Project (Web Development with Django Framework)
- Management Creativity Festival 2020 Business Plan Competition Top 10 - Bronze Medal on 2015 Aceh Regional ENS Olympiad on Informatics (Computer) Science Subject - Bali Asia Model United Nation 2019 Delegates of UNESCO
- StartupWeekend Telkom University 2020 Selected Idea on Pitch Fire
- Employee of The Month (November 2021) - LingoTalk Indonesia