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Objective

An engineer that is highly interested in collaborating with others to build impactful high-performing products also a leader and team player proven with leadership and organizational experiences in numerous occasions.

Skills and Abilities

- Code in different languages, frameworks and runtime such as: PHP, Java, JavaScript, TypeScript, Python, Golang Express.js, Laravel, Django, React.
- Design and develop applications business logic to meet the company requirements or customer needs.
- Knowledge on Software Architecture such as API, Microservices
- Experienced on Integrating several Microservices with API Gateway
- Experienced with Google Cloud Products such as Google App Engine, Cloud SQL, Cloud Storage.

- 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 on several occasions.
- Project management and timeline planning proven with deliverables from working experience.

Work and Project Experiences

Backend Engineer – S-Quantum Engine

Jakarta, Indonesia (Working Remotely)

(April 2023 - Present)

- Joined the Common-Service team as a backend engineer where we build various API that is consumed by Sinarmas Multi Artha products such as SQE-ID for Authentication and SQE-KYC for user verification process.
- As a backend engineer, I primarily used Go with Echo Framework and PostgreSQL on the database.
- Helped setup baseline code structure in go using echo framework following a mixed-up between DDD (Domain Driven Development) and Clean Architecture pattern.
- Participating in encouraging clean and secure coding practices by doing more active peer reviews, to avoid unprecented mistakes in code deployed into the server.
- Integrated with various 3rd party services and various Google Cloud products like GCS for signed-url security layers, Secret manager and also Google Pub Sub.

Software Engineer – StaffAny

Singapore, Singapore (Working Remotely)

(August 2022 – March 2023)

- Joined the Pro Pod team which handle pro subscription user side of products
- Using full stack javascript (typescript) as the primary development language with React Native, React and Hapi respectively
- Fix and triage bugs in multiple applications (Mobile, Web and Backend)
- Working in fast paced environments using enhanced agile and scrum method.

Software Engineer – Pandatech

Jakarta, Indonesia (Working Remotely)

(March 2022 – July 2022)

- Build high-quality and reliable software, through best practice software development flow using standardized tech-stacks and patterns.
- Used various technologies including: Golang, Java, PostgreSQL, Bun ORM, Amazon Web Services.
- Prepared a new codebase using DDD (Domain Driven Development) Patterns and developed the RESTful API using Service-Repository patterns.
- Integrated Amazon Cognito User Pool for authentication and authorization needs.
- Using goroutines to improve AWS S3 bucket integration on the backend.
- Utilized AWS S3 Lifecycle to avoid unnecessary storage usage.

Lead Web Engineer and Project Manager - LingoTalk Indonesia

Jakarta, Indonesia (Working Remotely)

(August 2021 – February 2022)

- Handle a team that consisted of 25+ people in total from Front End and Back End division.
- Work closely with product managers and 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
- Making sure the deliverables meet the product requirements on performance and functionality terms.
- Utilized click-up for work and tasks management, in-order to achieve more asynchronous working communications, so that the engineers would not have anything blocking their work.
- 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 Engineer Lead - LingoTalk Indonesia

Jakarta, Indonesia (Working Remotely)

(March 2021 - July 2021)

- 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

Software Engineer Intern – LingoTalk Indonesia

Jakarta, Indonesia (Working Remotely)

(January 2021 – March 2022)

- 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

Remote Working

(October 2020 – November 2020)

Link to project : <https://warkopdesasidamangura.id>

- 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 – July 2021

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 Membershipcount, to gain more data to analyze and also provides the customer with loyalty benefits in the form of Redeemable Points called Mou Points.

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 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.

SEA Laboratory – Teaching and Research Assistant

- Responsible as teaching assistant for the 2nd year student on the Object Oriented Programming Lab Work using Python
- Founded, taught 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 University (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 an 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)

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+ contestants)
- Infest Phormace 2020 Web Academy's #1 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.
- Startup-Weekend Telkom University 2020 Selected Idea on Pitch Fire.
- Employee of The Month (November 2021) - LingoTalk Indonesia.