

CURRICULUM VITAE

Personal Data

Name : **Geraldo Joseph F. Sirait**
Gender : Male
Place & Date of Birth : Medan, March 3rd, 1996
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Email : siraitgerald@gmail.com
Language : Indonesian, English

Education

Educational qualification : Bachelor's degree of Metallurgy and Materials Engineering of Universitas Indonesia (3.41 GPA)

Qualifications & Training

- The Mineral and Mining Business, CurtinX University via edX, 2020 (Verified Certificate)
- The Business of Mining, CurtinX University via edX, 2020 (Verified Certificate)
- Digital Transformation Virtual Experience Program – BCG via Forage, 2020.
- Strategy Consulting Virtual Experience Program – BCG via Forage, 2020.
- Scored 600 on TOEFL-ITP – LBI FIB UI, 2018 (available in speaking at business and presentation level)
- Project Management & Continuous Improvement in Mining Business, 2019

Work Experiences

➤ PT. Rapid Infrastruktur Indonesia

Assignment : Head Office
Period : October 2020 – Present
Position Held : Strategic, Marketing & Business Development Analyst
Duties and Responsibility :

1. Establishes company marketing tools using conventional and digital marketing approach (Company profiles, website, digital marketing, SEO)
2. Act as company representative in client interfaces, providing value for potential and repeating clients
3. Lead strategic initiatives for company future projects (establisher Joint Operations, Partnerships, Consortium)
4. Develop proposal documents and business analysis to secure strategic projects for annual company sales target

➤ PT. Rapid Infrastruktur Indonesia

Assignment : PT. Bimasena Crane Pratama – Subsidiary of PT. Rapid Infrastruktur Indonesia
Period : June 2020 – October 2020
Position Held : Business Development & Analyst
Duties and Responsibility :

1. Developed business feasibility study for heavy equipment rentals (manages IDR 15 bio. Investments)
2. Developed sensitivity analysis for business kick off feasibility study (Capex, Opex & Revenue Projection)
3. Project leader for office, workshop, and develop maintenance procedure for heavy equipment operation
4. Manage sales through client relation and project initiation
5. Manage staff rotations for optimum and cost-effective manhour on-site

➤ PT. Rapid Infrastruktur Indonesia

Assignment : Sugar Mill Plant Project – PT. MSM, Subsidiary Hartono Plantation and Djarum
Period : January 2019 – June 2020
Position Held : Subcontracting Engineer
Duties and Responsibility :

1. Develop remaining work volume in projects as the vital data for project development
2. Delivers 6 new subcontracting package to accelerate project continuity progress
3. Establishes schedule for the project and monitors its progress
4. Manage project MOC (Management of Change) by analyzing, evaluating, and forecasting the current project status, assessing the impacts of design or construction changes to the schedule

STRATEGIC, BUSINESS DEVELOPMENT, & MARKETING ANALYST

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5. Coordinate with other teams to create recovery plans, updating the schedule & budget accordingly.
6. Accelerated construction progress by 12% 3 months after contracts signed with subcontractors.

➤ **PT. Rapid Infrastruktur Indonesia**

Assignment : Sugar Mill Plant Project – PT. MSM, Subsidiary Hartono Plantation and Djarum
Period : September 2019 – January 2020
Position Held : Project Engineer

Duties and Responsibility :

1. Establish Coordination and Communication Procedure between contractors to speed EPC Process
2. Setting achievable, ambitious, and synergized target to contractors within set timeframe by client's agenda
3. Expedite and maintain clear communication to all contractors/ sub-contractors
4. Manage contractor's performance and ensure target achievement corresponding to safety standard
5. Achieve the target of 5% construction progress after 2 months of system implementation
(Formerly 35% total progress after 12 months of construction)

➤ **PT. Dharma Henwa, Tbk**

Assignment : Bengalon Coal Project, Asam-Asam Coal Project, Satui Coal Project
Period : June 2018 – July 2019
Position Held : Graduate Maintenance Engineer

Duties and Responsibility :

1. Develop operational improvements in Plant and Maintenance Department
2. Introducing material properties-based fabrication to optimize heavy equipment machinery repair
3. Developed and implement new method to optimize bucket teeth lifetime for mining excavators
[saving roughly IDR. 100.000.000, - in excavators teeth maintenance cost]
4. Implemented preventive structural maintenance program on mining trucks frame
[Saving costs from trucks downtime]

➤ **PT. Indonesia Asahan Aluminum (PT. INALUM)**

Assignment : Kuala Tanjung, Indonesia
Period : August 2017 – September 2017
Position Held : Aluminum Casting Intern

Duties and Responsibility :

1. Suggested new operational parameters on processes of aluminum billets as company product development
2. Conducted literature research to eliminate product defects

Organizational Experiences

- **Laboratory Assistant** in Physical Metallurgy Laboratory, Metallurgy and Materials Department in Faculty of Engineering, Universitas Indonesia, 2017-2018
- **Chairman** in Persekutuan Ouikumene Universitas Indonesia, (Campus Level Organization), 2017-2018
- **Chief of Relation** in Education Department of IMMT FTUI, (Students Association), 2016-2017
- **Chief of Fabrication**, Mechanical Department of TRUI (Campus Robotic Team), 2016-2017
- **Chairman** in Soposurung Foundation Dormitory Senate (High School Students Association), 2013-2014

Thesis

- The use of Electrochemical Impedance Spectroscopy Method for Corrosion Resistance Evaluation of Duplex and Ferritic Stainless Steels in Aqueous Sodium Chloride Solutions
 - Publicized in the 2nd International Conference on Chemistry and Material Science (IC2MS), November 2017
 - doi:10.1088/1757-899X/299/1/012053