



Curriculum Vitae

Sonny Dhamayana Rochman, ST PG AIDL PG Cloud Computing CSM CAIML

A recognized expert in integrated design, engineering, construction, project management, construction, commissioning/start-up, plant optimization, and talent development with agile and scrum framework implementation including Electrical & Enhanced Instrument Control System with Collaborative Artificial Intelligence on top Blockchain - Smart Contract Technology Development experiences in all aspects of service delivery.



Personal Details

Date of Birth : Malang, 20 March 1975

Address : Sofi Residence 203
Jl. Anggrek 5 No. 2 Kuningan
South Jakarta Indonesia 12940

Present Location : Abu Dhabi, UAE

Email Address : sonny.dhamayana@gmail.com

Mobile Number : +971 – 566107099

Vaccinated : Sinopharm – 2 Dose Completed
with 2 Dose Booster

Artificial Intelligence Deep Learning and Blockchain/ Smart Contract Portfolio

Current Research Collaborative AI on top of Blockchain Technology through Delegated Proof of Stake Authority Attendance Elapsed Time Consensus Mechanism as part of Generation 4 Blockchain Technology and Artificial Intelligence Generation 5, 2023.

Science Base Target Carbon Emission Rewards Decentralized Application through Cardano Ecosystem with Haskell and Plutus Smart Contract, 2023

Product/ Asset Tracking and Circular Economy Recommender Decentralized Application through Cardano Ecosystem with Haskell and Plutus Smart Contract, 2022

Senior Roles

Manager/ Engineer/ SME of Electrical & Instrument Engineer

Qualifications & Memberships

Global Master in Blockchain Technology, Barcelona University Spain

Certified Professional Diploma Blockchain Technology Development, University of Dubai, UAE

Post Graduated in Artificial Intelligence & Deep Learning, Manipal Academy of Higher Education Dubai UAE

Post Graduated in Cloud Computing, Manipal Academy of Higher Education Dubai UAE

Bachelor Degree in Industrial Technology Engineering, Gunadharma University

Certified Scrum Master, Scrum Alliance USA

Memberships

ISA, NFPA, ASSE, IPCI, SPE, ICE

Market Sectors

Oil & Gas, Power Generation Technology, Water Treatment Technology, Petrochemical



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Decentralized Digital Asset Management Application using Python, Solidity Smart Contract, and Flask Front End (Private Blockchain Framework) 2021

Decentralized Project Completion Management System Application using EVM, Python, Solidity Smart Contract, and Flask Front End (Private Blockchain Framework) 2021

Secured Medical Decentralization Application using EVM and Solidity Smart Contract 2021

Secured Crypto and Fiat Utility Payment Gateway using EVM, Oracle Chain-link and Solidity Smart Contract 2021

Secure Decentralization SIMOPS Application with Smart Blockchain using Python and Flask 2020

Secure Decentralized Citizen Data Center Application with Smart Blockchain using Python and Flask 2020

Turbo-machinery Combustor Operational Degradation Prescriptive Monitoring Decentralized Application utilizing aggregate anomaly algorithm and LSTM forecasting with Python and Power BI Visualization 2021.

X-ray Chest Image Classification with Convolution Neural Network Model through Hyperband and Hyperparameter Approached, ICASET M Dubai UAE December 2021 (Papers Published in ISBN Journal)

Intelligence Prescriptive Plant Maintenance Management System on top of Deep Learning back end and Power BI Interactive Insight (Desktop and Mobile Apps)

Intelligence Retail Management System on top of Deep Learning and Power BI Front End Interactive Insight (Desktop) 2020

Digital Marketing Funnel Optimization through Sentiment Analytic and Knowledge Graph using GloVe and Hyperband Neural Network Analysis 2020

Exponential Growth in Corporate Innovation: A Synergy of Big Data, Cloud Computing & Digital Technologies, 3rd International Conference Digital Data Driven Economy, LIGS University USA, June 2021 (Papers Published in ISBN Journal)

Integrated Artificial Intelligence Remote Smart Pandemic Assessment Cabin (i-RSPAC) As Alternative Solution of Pandemic Control and

Field Experiences

23 Years

Country Experience

Indonesia, Malaysia, Singapore, Thailand, Australia, Srilanka, Oman, South America, Germany, UAE, etc.

Key Clients/Employers

Hess, ConocoPhillips, BP, EGAT-Thailand, Ceylon Electricity Board, Bayer, Maxitherm-Australia, Air Liquid, Chevron, Occidental Petroleum, ADNOC, etc.

Patents

Intellectual Property Right Exchange Program for Maxitherm Attended and Unattended/ Limited Attendance Control Boiler As Per-Australian Standard AS2593-1995 and ASME Standard Section II, Part D of the ASME Boiler and Pressure Vessel Code Sidney Australia 2003.

Relevant Awards

Mabrouq Award 2004
Mabrouq Award 2006
Special Recognition Award 2008
Employee of the Year 2011
Health Safety Excellent 2013
Great Idea Award 2015

Previous Employers

Hess, Oxy, Hess, ConocoPhillips, BP, Boustead, PERTAMINA Hulu Energy

Languages

English, Indonesian



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Mitigation, ICASETM Dubai UAE, December 2020 (Papers Published in ISBN Journal)

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