



SULISTYO PONCO NUGROHO

Bandung, Indonesia

I am an Engineering Professional graduate interested in the **Software Engineer** field. I have deep knowledge and experience in software development. I have good analytical skills and a dedication to continuously learning and developing in the technology field. My expertise in software development will enable me to make a meaningful contribution to developing innovative solutions in this field.



Scan QR Code to
see [my Portfolio](#)

EDUCATIONS

- | | |
|---|--------------------|
| Institut Teknologi Bandung
Department of Electrical Engineering
Engineers Profession Program, GPA: 3.75/4.00 | 2021 – 2022 |
| Politeknik Negeri Bandung
Department of Computer and Informatics Engineering
D-IV Informatics Engineering Study Program, GPA: 3.73/4.00
With the research title “Wheeled Robot Simulation to Follow the Wall with Wall Follower Algorithm “ | 2010 – 2014 |

WORK EXPERIENCES

- | | |
|--|--------------------|
| HMI Engineer at PT. Len Railway Systems
<ul style="list-style-type: none">Developed Train Management Information System that help operator to record and visualize actual train movement in Train Trip Graph at Surabaya Centralized Train Control, Puwokerto Centralized Train Control, Madiun Centralized Train Supervisory, and Soekarno-Hatta Airport Skytrain.Developed Automatic Broadcast System that integrate timetable system with Public Announcement and Passenger Information Display at Soekarno-Hatta Airport Skytrain.Developed new innovation with Online Man Machine Interface that displayed in the RailwayTech 2023 exhibition.Responsible for managing a team of HMI engineers and making sure all HMI system are properly integrated in an Operation Control Center at Yogyakarta.Responsible for design an HMI from hardware architecture to software configuration for more that 50 train stations in Indonesia.Responsible for redesign signaling HMI standard | 2017 – Now |
| Full Stack Developer at CV. Boarding Labs
<ul style="list-style-type: none">Responsible for managing a team and making sure all system are properly applied with the requirements - Inventory Management System AppDeveloped Photo booth desktop App use Mac & DSLR Camera - Pix.lyDeveloped iOS Mobile App - Finpay, WeDrink, FiClip, PRIMA, HP Store | 2015 – 2016 |
| Professional Placement Programmer at PT. Ciptadrasoft
<ul style="list-style-type: none">Redesigned Website - office website, Kemkominfo portal websiteDeveloped chat, google Alert, report generator function - Onebox CRM | 2013 |
| Full Stack Developer at WAMR, Web Design and Development Studio
<ul style="list-style-type: none">Developed iOS Mobile App - Popbot, Guardian, KnowledgeDeveloped portfolio website - Gelaelized, Acer DJ TiestoRedesigned social media website - Jomblo.comDeveloped interactive comic website - Flores | 2012 – 2014 |
| iOS Developer at PT. Arya Jaya Formasi
<ul style="list-style-type: none">Developed iOS social media Mobile App - iPostingDeveloped iPad games - Rehydration Games (Pocari Sweat) | 2011 – 2012 |

OTHER EXPERIENCES

- | | |
|---|------|
| • Assistant lecturer for Distributed Systems courses, D-IV PPL Study Program, at POLBAN | 2012 |
| • Book author "Membuat Mobile Game Edukatif Dengan Flash" | 2011 |

AWARDS

- | | |
|---|---------------------------|
| • Scholarship PPA (Peningkatan Prestasi Akademik) of POLBAN | January – December 2013 |
| • Scholarship PPA (Peningkatan Prestasi Akademik) of POLBAN | January – December 2012 |
| • Scholarship PPA (Peningkatan Prestasi Akademik) of POLBAN | September – December 2011 |

TRAINING, CERTIFICATION, SEMINARS

- | | |
|--|------|
| • Cyber Security on Industrial Automation, Knowledge Sharing OnlineBK Teknik Fisika PII | 2022 |
| • Intro to Product Management, RevoU Mini Course | 2022 |
| • Intro to Digital Marketing, RevoU Mini Course | 2022 |
| • BRI Data Hackathon | 2021 |
| • Centralized Railway Traffic Control System, Knowledge Sharing OnlineBK Teknik Fisika PII | 2021 |
| • Zenon Standard Training | 2019 |
| • Implementation of ATP System to Improve Headway and Capacity of Jakarta Commuter Line | 2017 |
| • CBTC, Advanced Signalling 1 | 2017 |
| • ERTMS, Advanced Signalling 1 | 2017 |
| • English Proficiency Certificate, With Total Scores: 447 | 2012 |
| • Qt - NFC Workshop, NOKIA Developer | 2011 |
| • Workshop Windows Mobile Phone with Microsoft | 2011 |
| • Fabulous Strategy To Be A Great Entrepreneur | 2011 |
| • Flash For Fun | 2011 |
| • TECHNOPRENEURSHIP "Langkah Awal Membangun Software House" | 2010 |
| • E-MAGZ for Enlighten School Life Web Contest | 2009 |

ABILITIES

Programming language	Lib / Framework	Protocol / Comm	Tools
<ul style="list-style-type: none">• Java• Swift• Obj-C• Javascript• HTML• PHP• CSS• Python• VB6	<ul style="list-style-type: none">• Java Swing• PixiJS (WebGL)• Laravel• OpenAcces Java SDK• React• Electron	<ul style="list-style-type: none">• HTTP (RESTful API)• Socket.IO• Modbus TCP / UDP• Profibus• OPCUA	<ul style="list-style-type: none">• Draw.io• Pentaho• Tableau• Zenon• Balsamiq

PERSONALITIES

- Have strong basic knowledge and skills in analysis
- Can work well independently or as part of a team
- Quick to understand, hardworking, creative and responsible
- Can communicate well and have a leadership spirit
- Good listener, reliable

Number: 932032/ITL.A/DA.07/IV/STF/PPI/2022

AP 004830

INSTITUT TEKNOLOGI BANDUNG

Certificate

given to
Sulisty Ponco Nugroho
born in Bogor on August 12, 1992
with Resident Identification Number 3217061208920002
with Student Registration Number 93221032
has successfully fulfilled all the requirements of the Professional Program in
Engineers Profession Program
on April 5, 2022
and therefore has been granted the degree of
Engineer
with all the rights and responsibilities belonging to that degree.
Awarded in Bandung on April 23, 2022.





Director of Non Regular Education,

Ridwan Sutriadi, S.T., M.T., Ph.D.
NTP 197001301998021001



Rector,

Prof. Reini Wirahadikusumah, Ph.D.
NTP 196810251992032001

This certificate is issued based on the Decree of the Rector No: 572/ITL.A/SK/DA.06/2022
Institut Teknologi Bandung is accredited "Superior" based on the Decree of BAN-PT No: 72/SK/BAN-PT/AK-ISK/PT/11/2022
The authenticity of this certificate can be verified at <https://akademik.itb.ac.id/alumni>



Serial Number : 01051/POLBAN/2014

POLITEKNIK NEGERI BANDUNG

Certificate Number : D.IV 5041021/BAA/POLBAN/2014

This is to certify that
Sulisty Ponco Nugroho
born on August 12, 1992 in Bogor Student Identification Number 101524027
has completed Diploma IV programme at Computer and Informatics Engineering Department,
Study programme of Informatics Engineering on August 8, 2014
In accordance with the statutes of this Institution has been granted the title of
Sarjana Sains Terapan (SST.)
With all the rights and obligations attached to this title
Issued in Bandung, on September 6, 2014
Director,
(Signed)
Ir. Mei Sutrisno, M.Sc., Ph.D.





Officially Translated and Approved in Bandung
On November 15, 2017
Director,

Dr. Ir. Rachmad Imbang Tritjahjono, M.T.

This Certificate is awarded based on the Decree of the Director Number : 1354/PL1/KM/2014

This document is an English translation of the original document prepared in Indonesia language



INSTITUT TEKNOLOGI BANDUNG

DIREKTORAT PENDIDIKAN NON REGULER

Jalan Tamansari No. 64 Bandung 40116

ACADEMIC TRANSCRIPT

Number: 932032/IT1.B04.5/DA.07/IV/TRS/PPI/2022

Name : Sulistyo Ponco Nugroho
Student Reg. Num. : 93221032
Place, Date of Birth : Bogor, August 12, 1992
Admission Year : 2021/2022 on Semester 1
Study Program : Engineers Profession Program
Area of Expertise : Electrical Engineering
Degree : Engineer
Certificate Num. : 932032/IT1.A/DA.07/IV/STF/PPI/2022



Code	Course	Units	Grade
PI5001-19	Code of Ethics and Professional Ethics	2	AB
PI5002-19	Engineering Professionalism	2	AB
PI5003-19	Security, Health, Safety and Environment	2	AB
PI5004-19	Engineering Practices	12	A
PI5005-19	Case Study (Standards, Design and Management)	4	AB
PI5006-19	Seminars, Workshops, Discussions	2	AB

A (4): Exceptional, AB (3.5): Excellent, B (3): Good, BC (2.5): Satisfactory, C (2): Sufficient, P: Pass.

Grade Point Average : 3.75
Completion Date : April 5, 2022

Units : 24

Bandung, April 23, 2022

Director of Non Regular Education



Ridwan Sutriadi, S.T., M.T., Ph.D.
NIP 197001301998021001



ACADEMIC TRANSCRIPT

POLITEKNIK NEGERI BANDUNG

Certificate Number : D.IV 5041021/BAA/POLBAN/2014
Name : Sulistyo Ponco Nugroho
Student Identification Number : 101524027 Enrolled : 2010
Place of Birth : Bogor
Date of Birth : August 12, 1992 Graduated : August 08, 2014
Department : Computer and Informatics Engineering
Study Program : Informatics Technology



NO	SUBJECT	CREDIT	MARK
1.	Technical English 1	2	B
2.	Indonesian Language	3	A
3.	Basic for Programming	4	A
4.	Introduction to Computer Science	3	B
5.	Cognitive Computation	2	A
6.	Concept Technology	3	A
7.	Discrete Mathematics 1	3	B
8.	Technical English 2	2	B
9.	Religion Education	3	A
10.	Linear Algebra	3	A
11.	Business Communication	2	B
12.	Discrete Mathematics 2	3	B
13.	Advanced Programming	3	A
14.	Data structure and Algorithms	4	A
15.	Civics	3	B
16.	Computer Architecture and Organization	3	B
17.	Numerical Method	3	A
18.	Introduction to Software Engineering	3	B
19.	Database System	3	A
20.	Compilation	3	A
21.	User Interface Design	3	A
22.	Web programming	4	A
23.	Statistics and Probability	3	B
24.	Introduction to Operating System	3	B

NO	SUBJECT	CREDIT	MARK
25.	Data Communication and Computer Network	3	B
26.	Data Modelling	4	A
27.	Software Analysis and Design I	4	A
28.	English I	3	B
29.	Distributed System	3	A
30.	Computer Graphics	3	A
31.	Research Method	3	A
32.	Object Oriented Programming	4	A
33.	Introduction to Accounting	2	A
34.	Software Analysis and Design II	3	A
35.	Information System ©	4	A
36.	Software Project Management	3	A
37.	Image Processing	2	A
38.	Software Testing	3	A
39.	Web Development	3	B
40.	Introduction to Internship	2	A
41.	Internship (1)	4	A
42.	Internship (2)	4	A
43.	E-Business	3	A
44.	Ethics and Professionalism	2	A
45.	Entrepreneurship	3	A
46.	Total Quality Management	3	A
47.	Final Project	4	A

FINAL PROJECT TITLE : WHEELED ROBOT SIMULATION TO FOLLOW THE WALL WITH WALL FOLLOWER ALGORITHM

Total Credit : 143
Cumulative Grade Point Average : 3.73
Judicium : CUM LAUDE

Bandung, November 16, 2017
Assistant Director for Academic Affairs,

Dr. Ir. Paula Santi Rudati, M.Si.
NIP. 196509171993032001