



MUHAMMAD DHOFIR

(Product Development and Programmer CNC)

Kendal, Indonesia | +6289531810102 | mdhofir88@gmail.com |
[linkedin.com/in/muhammad-dhofir-221465211](https://www.linkedin.com/in/muhammad-dhofir-221465211) |

I am a graduate of the Kendal Furniture and Wood Processing Industry Polytechnic with a major in Furniture Design. I possess strong knowledge and skills in designing and developing innovative and functional furniture products. I am proficient in using design software such as AutoCAD, SketchUp, and Keyshot. Additionally, I have experience participating in furniture design projects from concept to production. I can work both independently and in a team, have good communication skills, and can solve problems effectively. I am highly interested in further developing my skills in the furniture industry and am eager to learn and grow in a dynamic work environment.

Education

Kendal Furniture and Wood Processing Industry Polytechnic, Kendal, Indonesia **Associate Degree in Design (A.Md.Ds) (2020 – 2023)**

- GPA: 3.89/4.00
- Outstanding Graduate Award

SMKN 2 Kendal, Kendal, Indonesia **Building Drawing Techniques (2016 – 2019)**

- Score: 86/100

WORK EXPERIENCE

Euro Design | Semarang, Indonesia

RnD Furniture (June 2024 – June 2025)

- Created production working drawings
- 3D modeling
- Component breakdown
- Drafted cutting component lists
- Managed product development quotation requests
- Alphacam Programmer

Freelance Research and Development Furniture Modway and Locomotive | Solo, Indonesia

RnD Furniture (May 2024 – June 2024)

- Created production working drawings
- 3D modeling
- Component breakdown
- Drafted cutting component lists
- Managed product development quotation requests

PT TRICONVILLE INDONESIA (INDOSPACE GROUP) | Jepara, Indonesia

Engineering Staff / Drafter and Programmer CNC (Januari 2023– Juni 2024)

- Create production drawings
- 3D modeling
- Breakdown of components
- Drafting cutting component lists
- Designing new products based on buyer requests
- Indoor furniture product development
- CNC Programmer for Vitap K2-2.0 (TpaCAD) 3 Axis
- CNC Programmer for Bacci Double Jet (Pitagora) 12 Axis
- CNC Programmer for Bacci Copy Shaper (FCCNC) 6 Head Spindle and 2 Head Sanding

Internship PT KHARISMA ROTAN MANDIRI | Surakarta, Indonesia

Research and Development Staff (July 2022– Sept 2022)

- Create production drawings
- *Brainstroming* design
- *3d Modeling*

CV NUSAKON | Semarang, Indonesia*Drafter* (Maret 2020– Mei 2020)

- Create drawings for the Semarang immigration office
- Project site surveying

PT TELAGA MEGABUANA, DKI Jakarta, Indonesia*Drafter and Administration* (February 2019 – December 2019)

- Create shop drawings and as-built drawings of cross sections and long sections
- Create shop drawings and as-built drawings for the Pemalang-Pekalongan-Batang-Plelen reconstruction project
- Handle technical administration for volume requirements

Internship PT DUTA MAS INDAH | Semarang, Indonesia*Drafter and Field Supervisor* (Juli 2018 – September 2018)

- Create house design drawings
- Supervise road and bridge construction projects (TD 9)

ORGANIZATIONAL EXPERIENCE**BEM KM-POLIFURNEKA**, Kendal, Indonesia**Director of Creative Economy – Ministry of Finance (2021 – 2022)**

- Researched business opportunities that generated profit for BEM
- Successfully implemented the Application Rewards Program, contributing 40% of BEM's asset funds
- Supervised financial flow in the Creative Economy sector
- BEM KM-POLIFURNEKA, Kendal, Indonesia
- Director of Research and Strategy – Ministry of Home Affairs (2020 – 2021)
- Reviewed campus issues for public discussion
- Led the "What's Happening at Polifurneka?" Program
- Led the First Graduation Program

ARCHIEMENTS AND SKILLS

Competitions:

- 1st place in National Student Creativity Week, "Politeknik ATI Makasar's Anniversary" (2023)
- Participant in "Kalantara Furniture Design Competition" (2020)

Projects:

- Studio Design Furniture 1-3 (Dotbotkas Nighstand, Balinenza Credenza, Executive Table, Sofa Set, Terrace Set, Kitchen Set)

Skills:

- Microsoft Office, AutoCAD, Keyshot, SketchUp, TpaCAD, Pitagora, FCCNC

Languages:

- Indonesian (Fluent)
- English (Speaking: Passive, Writing: Active)

CERTIFICATES & COURSES

- **Autodesk Certified Professional:** AutoCAD for Design and Drafting Exam Prep (2023)
- **Introduction to CAD CAM and Practical CNC Machining** by Autodesk (2023)
- **Foundations: Data Data Everywhere** by Google (2023)
- **Foundations of Digital Marketing and E-commerce** by Google (2023)

INTELLECTUAL PROPERTY RIGHTS

- Nightstand Smart Wall.U (Registration Number: 000543836)



COURSE
CERTIFICATE

Nov 23, 2023

Muhammad Dhofir

has successfully completed

Autodesk Certified Professional: AutoCAD for
Design and Drafting Exam Prep

an online non-credit course authorized by Autodesk and offered through Coursera



A handwritten signature in black ink, appearing to read 'Andrew Anagnost'.

Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.

Verify at:
<https://coursera.org/verify/33MP9N8QETNE>

Coursera has confirmed the identity of this individual and their
participation in the course.



COURSE
CERTIFICATE

Nov 26, 2023

Muhammad Dhofir

has successfully completed

Introduction to CAD, CAM, and Practical CNC
Machining

an online non-credit course authorized by Autodesk and offered through Coursera



A handwritten signature in black ink, appearing to read 'Andrew Anagnost'.

Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.

Verify at:
<https://coursera.org/verify/5EV52B2XFFA1>

Coursera has confirmed the identity of this individual and their
participation in the course.



Nov 26, 2023

MUHAMMAD DHOFIR

has successfully completed

Foundations: Data, Data, Everywhere

an online non-credit course authorized by Google and offered through Coursera

A handwritten signature in black ink, reading "Amanda Brophy".

Amanda Brophy
Global Director of Google Career Certificates

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/MEVZ2FFAX54L>

Coursera has confirmed the identity of this individual and their
participation in the course.



Nov 25, 2023

MUHAMMAD DHOFIR

has successfully completed

Foundations of Digital Marketing and E-commerce

an online non-credit course authorized by Google and offered through Coursera

A handwritten signature in black ink, reading "Amanda Brophy", is positioned above a horizontal dotted line.

Amanda Brophy
Global Director of Google Career Certificates

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/P4SY5FV9D58P>

Coursera has confirmed the identity of this individual and their participation in the course.



REPUBLIK INDONESIA
KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA

SURAT PENCATATAN CIPTAAN

Dalam rangka perlindungan ciptaan di bidang ilmu pengetahuan, seni dan sastra berdasarkan Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta, dengan ini menerangkan:

Nomor dan tanggal permohonan : EC002023110881, 14 November 2023

Pencipta

Nama : **Muhammad Dhofir dan Nukhbah Sany**
Alamat : Ds. Mojo , Mojo, Ringinarum, Kabupaten Kendal, Ringinarum, Kendal, Jawa Tengah, 51359
Kewarganegaraan : Indonesia

Pemegang Hak Cipta

Nama : **Unit Penelitian dan Pengabdian kepada Masyarakat - Politeknik Industri Furnitur dan Pengolahan Kayu Kendal**
Alamat : Jalan Wanamarta Raya No.20 Kawasan Industri Kendal, Wonorejo, Kaliwungu, Kabupaten Kendal, Kaliwungu, Kendal, Jawa Tengah 51371
Kewarganegaraan : Indonesia
Jenis Ciptaan : **Seni Terapan**
Judul Ciptaan : **Nightstand Smart Wall.U**
Tanggal dan tempat diumumkan untuk pertama kali di wilayah Indonesia atau di luar wilayah Indonesia : 14 November 2023, di Kendal
Jangka waktu perlindungan : Berlaku selama 25 (dua puluh lima) tahun sejak Ciptaan tersebut pertama kali dilakukan Pengumuman.
Nomor pencatatan : 000543836

adalah benar berdasarkan keterangan yang diberikan oleh Pemohon.

Surat Pencatatan Hak Cipta atau produk Hak terkait ini sesuai dengan Pasal 72 Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta.

a.n. MENTERI HUKUM DAN HAK ASASI MANUSIA
Direktur Hak Cipta dan Desain Industri



Anggoro Dasananto
NIP. 196412081991031002

Disclaimer:

Dalam hal pemohon memberikan keterangan tidak sesuai dengan surat pernyataan, Menteri berwenang untuk mencabut surat pencatatan permohonan.

SERTIFIKAT

PRAKTIK KERJA LAPANGAN PROGRAM PENDIDIKAN SISTEM GANDA

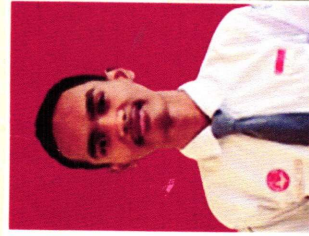
Nomor : 02 / pm) - PKL / 17 / 2018.

Perusahaan : **PT DUTA MAS INDAH**
Alamat : Jl. Ngesrep Barat I No. 26 Banyumanik Semarang

Menerangkan bahwa :

Nama : **Muhammad Dhofir**
NIS : 6179
Tempat/Tanggal lahir : Kendal, 17 Mei 2001
Paket Keahlian : Teknik Gambar Bangunan

Telah mengikuti Praktik Kerja Lapangan Program Pendidikan Sistem Ganda di Perusahaan / Industri seperti tersebut diatas selama 3 bulan (600 jam) terhitung mulai tanggal 02 Juli sampai dengan 29 September tahun 2018 dengan hasil **BAIK**.



Semarang, 29 September 2018
Pimpinan Perusahaan / Industri
PT DUTA MAS INDAH

PT DUTA MAS INDAH

SLAMET RIYADI

DAFTAR MATERI DAN PENILAIAN

: Muhammad Dhofir

Jumlah

Kategori : BAIK

Nilai Kumulatif (NK) = 953 (Sembilan ratus lima puluh tiga)
 Nilai Akhir = $\frac{NK}{11} = \frac{953}{11} = 86,6$ (Delapan puluh enam koma enam)

Keterangan :

A = 90 – 100 (Sangat Baik)

$B = 76 - 89$ (Baik)

$C = 65 - 75$ (Cukup)

D = 50 – 64 (Kurang)

E = 0 - 49 (Gagal)

HARI DWI CAHYONO



PAKET KEAHLIAN TEKNIK GAMBAR BANGUNAN
PT. POLA DWIPA SEMARANG

PT. POLA DWIPA
Jl. DR. WAHIDIN 167 SEMARANG 50253
Telp. (024) 8312282 Fax. (024) 8312271
Email: pola@pola.com

Sekretariat : Jl. Dr. Wahidin No. 167 Semarang 50253, Telp. (024) 8312282 Fax. (024) 8312271

0010340920

SERTIFIKAT KOMPETENSI
CERTIFICATE OF COMPETENCY

Nomor : 104a/DIRUT/IV/TH.XLIV'19

Sertifikasi diselenggarakan berdasarkan peraturan menteri pendidikan dan kebudayaan nomor 4 tahun 2018 tentang penilaian hasil belajar oleh pemerintah dan penilaian hasil belajar oleh satuan pendidikan serta keputusan badan standar nasional pendidikan (BSNP) Nomor: 0047/P/BSNP/XI/2018 tentang Prosedur Operasional Standar Penyelenggaraan Ujian Nasional Tahun Pelajaran 2018/2019

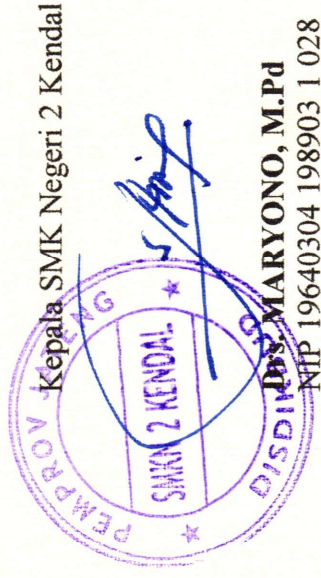
Sertifikat ini menyatakan bahwa :

MUHAMMAD DHOFIR

Lahir di KENDAL, 17 Mei 2001

Sekolah Asal : SMK N 2 KENDAL

Dinyatakan Lulus Ujian Kompetensi Kejuruan dan diakui telah memiliki kompetensi seperti tercantum di balik sertifikat ini.



Kendal, 30 April 2019
PT POLA DWIPA



Ir. Drs. SUNARTO, MT.
Direktur Utama

PAKET KEAHLIAN TEKNIK GAMBAR BANGUNAN

Nama

: MUHAMMAD DHOFIR

Tempat/ tanggal lahir

: KENDAL, 17 Mei 2001

Nomor Peserta

: 29-002-120-9

DAFTAR KOMPETENSI/ SUB KOMPETENSI

NO	KOMPETENSI/ SUB KOMPETENSI	NILAI
A	NILAI PENGETAHUAN (NP) Tes Tertulis	89
B	NILAI KETERAMPILAN (NK)	93
1	PERSIAPAN KERJA - Persiapan Alat dan Bahan - Spesifikasi Alat dan Bahan	
2	PELAKSANAAN/PROSES KERJA - Sikap kerja dan waktu Penyelesaian - Perangkat Lunak, Etiket, Cetak/Print Out	
3	HASIL KERJA - Gambar dengan perangkat lunak 2D Rumah Tinggal 2 Lantai : Gambar Denah, Tampak, Potongan, Denah Rencana Penempatan Kusen, Detail dan Potongan Tangga, Pola Langit-langit, Detail dan potongan Kamar Mandi - Rencana Anggaran Biaya : Menghitung Volume Pekerjaan, Analisa SNI, Kurva "S" - Gambar 3D Eksterior	
	NILAI AKHIR [$NA = \{(0,3 * NP) + (0,7 * NK)\}$]	92

Kendal, 30 April 2019
Assessor Eksternal

[Signature]
Ir. Drs. SUNARTO, MT.

PRASETYA ULAH SAKTI BHAKTI PRAJA



REPUBLIK INDONESIA

KEMENTERIAN PEKERJAAN UMUM DAN PERUMAHAN RAKYAT

DIREKTORAT JENDERAL BINA MARGA

BALAI BESAR PELAKSANAAN JALAN NASIONAL V

SATUAN KERJA PELAKSANAAN JALAN NASIONAL WILAYAH I PROVINSI JAWA TENGAH

SURAT KETERANGAN PENGALAMAN KERJA

Yang bertanda tangan dibawah ini :

Nama : **Erwin Minarko, ST**

Nip : **NIP. 19811211 201012 1 002**

Jabatan : **Pejabat Pembuat Komitmen 1.2 Provinsi Jawa Tengah**

Menerangkan dengan sesungguhnya , bahwa :

Nama : **Muhammad Dhofir**

Jabatan : **Administrasi Teknik**

Kontraktor : **PT. Telaga Megabuana**

Benar – benar telah melaksanakan dan menyelesaikan dengan baik :

Proyek : **Preservasi Rekontruksi Jalan Pemalang - Pekalongan- Batang -
Plelen**

No. Kontrak : **HK.02.01/SP/PPK PPBP/498620/II/2019 – 01**

Tanggal Kontrak : **27 Febuari 2019**

Pelaksanaan : **27 Febuari 2019 – 31 Desember 2019**

Demikian surat pengalaman kerja ini diberikan untuk digunakan sebagaimana mestinya.

Semarang, Desember 2019

PEJABAT PEMBUAT KOMITMEN 1. 2

PROVINSI JAWA TENGAH


ERWIN MINARKO, ST
NIP. 19811211 201012 1 002