



BADAN NASIONAL
SERTIFIKASI PROFESI
INDONESIAN PROFESSIONAL
CERTIFICATION AUTHORITY

SERTIFIKAT KOMPETENSI
CERTIFICATE OF COMPETENCE

No. 62019 2514 2 0000591 2024

Dengan ini menyatakan bahwa,
This is to certify that,

MUHAMMAD ILYASA
No. Reg. TIK.2078 00103 2024

Telah kompeten pada bidang :
has been competence in the area of :

Aktivitas Pemrograman Komputer Lainnya
Other Computer Programming Activities

Dengan Kualifikasi / Kompetensi :
With Qualification / Competency :

KKNI LEVEL II PADA KOMPETENSI KEAHLIAN REKAYASA PERANGKAT LUNAK
KKNI LEVEL II IN COMPETENCE OF SOFTWARE ENGINEERING

Sertifikat ini berlaku untuk 3 (tiga) tahun
This certificate is valid for 3 (three) years

Bogor, 05 Juni 2024

Atas nama Badan Nasional Sertifikasi Profesi
On Behalf Of Indonesian Professional Certification Authority

Lembaga Sertifikasi Profesi SMK Bina Mandiri Multimedia
Professional Certification Body of Vocational High School Bina Mandiri Multimedia



ANDI MUHAMAD YUSUP, S.Kom

Ketua
Chairman



Daftar Unit Kompetensi
List of Unit (s) of competency

| NO | Kode Unit / Unit Code | Judul Unit / Unit Title |
|----|--------------------------|---|
| 1 | LOG.0001.001.01 | Melakukan Komunikasi Kerja timbal balik <i>Exchanging favors in communication</i> |
| 2 | LOG.0001.002.01 | Menerapkan prinsip – prinsip keselamatan dan Kesehatan kerja dilingkungan kerja <i>Applying occupational safety and health principles in the workplace</i> |
| 3 | LOG.0001.004.01 | Merencanakan tugas rutin <i>Organizing recurring duties</i> |
| 4 | LOG.0002.001.01 | Menerapkan Sistem Mutu <i>Implementing a Quality System</i> |
| 5 | LOG.0002.003.01 | Melakukan Pekerjaan Yang Membutuhkan Kerjasama Tim <i>Working Together in a Team Environment</i> |
| 6 | TIK.0601.002.01 | Mengidentifikasi aspek kode etik dan HAKI dibidang TIK <i>Identifying aspects of the code of ethics and intellectual property rights in the field of ICT.</i> |
| 7 | J.620100.004.02 | Menggunakan Struktur Data <i>Using Data Structures</i> |
| 8 | J.611000.004.01 | Mengimplementasikan User Interface <i>Implementing user interface</i> |
| 9 | J.620100.007.01 | Mengimplementasikan Rancangan Entitas dan Keterkaitan Antar entitas <i>Implementing Entity Design and Inter-Entity Linkages</i> |
| 10 | J.620100.009.01 | Menggunakan Spesifikasi Program <i>Using Program Specifications</i> |
| 11 | J.620100.009.01 | Menerapkan Perintah Eksekusi Bahasa, Pemrograman Berbasis Teks, Grafik, dan Multimedia <i>Putting Command Execution Language, Text-Based Programming, Graphics, and Multimedia into Practice</i> |
| 12 | J.620100.011.11 | Melakukan Instalasi Software Tools Pemrograman <i>Installing Programming Tools Software</i> |
| 13 | J.620100.012.01 | Melakukan Pengaturan Software Tools Pemrograman <i>Setting up Software Programming Tools</i> |
| 14 | J.620100.017.01 | Mengimplementasikan Pemrograman Terstruktur <i>Implementing Structured Programming</i> |
| 15 | J.620100.018.02 | Mengimplementasikan Pemrograman Berorientasi Objek <i>Implementing Object Oriented Programming</i> |
| 16 | J.620100.020.02 | Menggunakan SQL <i>Using SQL</i> |
| 17 | J.620100.022.02 | Mengimplementasikan Algoritma Pemrograman <i>Implementing Programming Algorithms</i> |
| 18 | J.620100.023.02 | Membuat Dokumen Kode Program <i>Creating Program Code Documents</i> |
| 19 | J.620100.025.02 | Melakukan Debugging <i>Debugging</i> |
| 20 | J.620100.030.02 | Menerapkan Pemrograman Multimedia <i>Applying Multimedia Programming</i> |
| 21 | J.620100.033.02 | Melaksanakan Pengujian Unit Program <i>Performing program unit testing.</i> |
| 22 | J.620100.042.01 | Melaksanakan Konfigurasi Perangkat Lunak Sesuai Environment Development, Staging, Production <i>Performing Software Configuration Based on Environment Development, Staging, and Production</i> |
| 23 | J.620100.046.01 | Melakukan Logging Aplikasi <i>Logging Applications</i> |

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3 X 4

MUHAMMAD ILYASA

Tanda tangan Pemilik

(Signature of Holder)

SUGENG RIYANTO, M.P

Kepala Bidang Sertifikasi

(Departement Head of Certification)