

NURAIN BINTI IKHWAN WONG

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SUMMARY

Software Engineer with 2 years of experience in enterprise application development, software testing, defect investigation, UAT support. Experienced in validating system functionality and access controls, troubleshooting technical issues, and annotating audio and document-based datasets according to detailed quality guidelines. Adaptable across software testing and quality, data annotation, and AI-related projects.

TECHNICAL SKILLS

SAP: ABAP, Fiori, Materials Management (MM)
Mobile: Flutter, Dart, Kotlin, Android Studio, Firebase
Programming: C, Java, Python, JavaScript, PHP
Web: HTML, CSS, Bootstrap, Laravel, WordPress, REST API
Data Analysis: SQL, Excel, Power BI
Testing: Manual test, Playwright, Selenium, Cypress, JMeter, Junit, Postman, JIRA
Tools: Git, Figma, Microsoft Office
Languages: Malay (Native), English (Fluent)

WORK EXPERIENCE

Freelance Forms Data Annotator (Asterio Project) - OneForma July 2026 - Present

- Annotated form images by drawing precise bounding boxes around text fields, checkboxes, radio buttons, and grouped form elements according to detailed project guidelines.
- Reviewed image quality, language, orientation, annotation hierarchy, labels, styles, and flags to ensure accurate and consistent training data for machine learning models.

Freelance AI Language Labeler (Transcription & QA) - TELUS Digital Jun 2026 - Present

- Annotated and evaluated audio recordings by identifying speech, environmental sounds, music, and audio quality issues following detailed annotation guidelines.
- Classified sound events and audio defects while applying timestamp-based labels to improve AI training datasets.

Software Engineer (SAP ABAP) – NextLabs (M) Sdn Bhd Oct 2024 – Aug 2026

- Designed and developed custom RICEFW objects (Reports, Interfaces, Conversions, Enhancements, Forms) using Core and Object-Oriented ABAP.
- Configured and maintained Data Dictionary objects (tables, structures, views, search helps, domains/data elements) to support reliable and scalable custom solutions in SAP S/4HANA.
- Debugged and resolved runtime errors and program issues using SE80, SE38, and ST22, strengthening program stability and overall code quality.
- Performed unit testing, UAT support, defect resolution, and technical documentation while collaborating with functional consultants and stakeholders to translate requirements into robust technical designs and deliverables.

Software Engineer Intern (SAP ABAP) – NextLabs (M) Sdn Bhd Mar 2024 – Aug 2024

- Developed and enhanced SAP ABAP objects including ALV Grid reports, Data Dictionary elements, User Exits, and Customer Exits to support client-specific requirements and custom module development.
- Built interactive ALV reports with sorting, filtering, and subtotaling capabilities, improving data readability and enabling faster business review and decision-making.
- Supported data migration and validation activities using BAPIs, ensuring data accuracy and consistency across integrated SAP modules.
- Participated in code reviews and technical mentoring sessions, applying modern ABAP syntax and best practices.

EDUCATION

Bachelor of Computer Science (Software Engineering) with Honors

Oct 2020 – Aug 2024

Universiti Malaysia Pahang (UMP), Pekan, Pahang

CGPA: 3.67

Diploma in Science

Jun 2014 – Nov 2016

Universiti Teknologi MARA (UiTM), Tapah, Perak

CGPA: 3.61

PROJECTS

Selenium Web Automation Testing Project | JavaScript, Selenium WebDriver, ChromeDriver

- Developed automated browser test scripts using Selenium WebDriver and JavaScript to validate a login workflow, verify successful authentication, and capture screenshots for successful or failed test results.
- Automated web data extraction across multiple pages, stored book titles and prices in CSV format, and created a verification script to detect and report price discrepancies between saved and current website data.

Playwright UI and API Automation Testing Project | JavaScript, Playwright, REST API

- Developed automated UI tests using Playwright to validate key user workflows, page navigation, form inputs, button interactions, and expected content across different web pages.
- Created API test scripts to send GET, POST, PUT, and DELETE requests, validate response status codes and data, and verify that the application handled both successful and invalid requests correctly.

SAP Data Access Control & Policy Testing Projects | SAP S/4HANA, SAP BW, Data Access Enforcer (DAE), NextLabs Control Center

- Sanofi (S/4HANA): Conducted end-to-end policy testing to validate data access by role and authorization level, verifying masking/filtering rules and preparing test cases, results, and defect documentation for UAT and audit readiness.
- LyondellBasell (SAP BW): Designed and implemented role-based access control policies, validating 1,000+ BW queries across multiple InfoCubes for accurate policy enforcement; used Microsoft Analysis for Office to identify discrepancies and support policy optimization.
- DuPont (S/4HANA): Designed dynamic access control policies in NextLabs Control Center and tested policy behavior across SAP transactions, debugging 500+ FI transactions to identify key tables, data elements, and authorization points for precise configuration.

UMP Car E-Hailing System (UCES) - Final Year Project | Android Studio, Java, Firebase

- Developed a mobile e-hailing application for the UMP community, enabling students and staff to book rides through a centralized Android platform.
- Designed and implemented core mobile features, including driver registration, user profile management, ride booking flow, and payment integration.

CERTIFICATIONS

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| • Software QA & Test Automation Engineering Specialization | 2026 |
| • SAP Certified - SAP S/4HANA Cloud Private Edition - Sourcing and Procurement | 2026 |
| • Google Data Analytics | 2023 |
| • Microsoft Azure Data Fundamentals | 2023 |
| • Google Cloud Platform | 2022 |

AWARDS & HONOURS

- Top 30 Achiever (Bronze Award) - FYPRO-COM Final Year Project
- Dean's List Award (All semesters) - Universiti Malaysia Pahang al-Sultan Abdullah (UMPSA)
- Dean's List Award (4/5 semesters) - Universiti Teknologi MARA (UiTM)