

DIRWAN PERMANA

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EDUCATION

Universitas Indraprasta PGRI 2019 - 2023

Bachelor of Informatics Engineering 3.41 / 4.0

Throughout my academic journey, I gained solid knowledge in computer programming fundamentals, software engineering, web application development, database management, and related areas. I am highly motivated to keep learning and evolving within the field of information technology. I believe that my combination of formal education and hands-on experience equips me to contribute effectively in dynamic and innovative work environments.

Internship – CMS Website Development for Retail Store

- Conducted system requirements analysis.
- Designed system architecture using UML diagrams.
- Developed and implemented the database using MySQL.

Final Project – Desktop-Based Employee Recruitment System (AHP Method)

- Performed comprehensive system requirements analysis.
- Created detailed UML diagrams for system modeling.
- Designed and developed the desktop application interface using Java NetBeans.
- Built and managed the backend database with MySQL.
- Applied the Analytical Hierarchy Process (AHP) for decision-making logic.
- Conducted thorough system testing to reduce bugs and ensure functionality.

EXPERIENCE

MITRAMAS INFOSYS GLOBAL – KB Bukopin

Software Quality Assurance at PT Bank Bukopin.Tbk

January 2024 – July 2024

Experience and Contributions :

- Designed software testing strategies and coordinated directly with business teams and the PMO from Korea to align project requirements.
- Actively contributed to the Core Banking System migration project, focusing on testing mobile banking and website applications.
- Collaborated with the team to develop over 36,000 test cases for System Integration Testing (SIT).
- Executed and monitored SIT (System Integration Testing) and UAT (User Acceptance Testing) to ensure the system met user requirements.
- Created detailed test scenarios (test cases) to verify system functionality and stability.
- Analyzed test results and prepared comprehensive test reports for stakeholders.
- Conducted testing on banking devices and systems, including EDC machines, ATMs, as well as QRIS, loan features, and various types of financial transactions.
- Proficient in using DBeaver to perform database queries for validating test data accuracy.

PT. Bumi Amarta Teknologi Mandiri – Cimb Niaga

Software Quality Assurance at PT Bank Cimb Niaga Tbk

August 2024 – Juni 2025

Experience and Contributions :

- Performed both manual and automated testing using UFT (Unified Functional Testing), Selenium to ensure software quality met established standards.
- Actively participated in the Self Service Banking (SSB) Website Revamp Project, ensuring smooth account opening processes and seamless integration with surrounding systems.
- Conducted System Integration Testing (SIT) and User Acceptance Testing (UAT) to verify system compliance with user and stakeholder requirements.
- Proficient in using DBeaver to execute database queries for data validation during testing processes.
- Tested the Octo Merchant mobile banking application to ensure stable and accurate payment transactions using QRIS.
- API Testing with postman

PT. Murni Solusindo Nusantara

Software Quality Assurance Engineer

Juni 2025 – Present

Experience & Contributions:

- Handled the development of **three application projects**, including *Smartgateway Database Migration*, *Transfer Delivery System Application*, and the *implementation of HTTPS and Message Signing* in the *Smartgateway Application*.
- Actively involved in application planning and development in collaboration with Project Managers, Developers, and Business Analysts.
- Created and managed test cases for various testing scenarios.
- Executed System Integration Testing (SIT) and User Acceptance Testing (UAT).
- Provided support and guidance during the deployment process in the OSD environment.
- Developed automation testing scripts using *Playwright*.
- Conducted performance testing using *JMeter*.
- Performed data verification using *DBeaver* and *Microsoft SQL Server*.
- Conducted API testing using *Postman*.
- Performed XML-based testing for transaction and system validation.

ADDITIONAL

Hard Skill: Cypress, Selenium WebDriver, AS400, Dbeaver, Microsoft SQL, MySQL, Postgre SQL, JavaScript, HTML/CSS, Java, Katalon Studio, JMeter, Agile, Postman, Quality Assurance, Microsoft Office, UML Knowledge, SDLC. STLC, Rest Assured, POJO, Playwright, Jmeter, XML.

Soft Skill : Analytical thinking, critical thinking, attention to detail, communication, time management

Course And Certificate

[Click here to view certificate](#)

I am highly motivated individual with a strong passion for learning and exploring knowledge in the field of Information Technology. Driven by this enthusiasm, I have actively participated in various courses, including:

- **DICODING** - Basic Web Programming, September 2023
- **UDEMY** - Software Quality Assurance Bootcamp, October 2023
- **DICODING** - Getting Started with Java Programming, May 2024
- **Udemy** – Cypress Testing Course, November 2024
- **Codepolitan** - Kelas Fullstack Web Development – Fullstack Web Development 2024
- **Bootcamp Selenium Automation Java** – AfterOffice 2025

Portfolio

- **CMS Website** – Developed using **React** and **shadcn.ui** for the frontend, with **Express.js** and **MongoDB** as the backend: [Click here to view the website](#)
- **Automation Testing with Selenium (Java)** – Demonstrated automated UI testing process : [Watch Video](#)
- **Automation Testing Reporting with Cypress** – Implemented automated test reporting : [Watch Video](#)
- **Desktop Application** – Built using **Java** and **NetBeans IDE** : [Watch on My YouTube Channel](#)
- Performance Testing with JMeter: [Watch on My YouTube Channel](#)
- **API Testing with Postman**: [Watch Video on youtube](#)
- **MySQL Database** : [Watch Video on YouTube](#)
- **Online Ticket Booking Website** – Developed using the **MERN Stack** : [Click Here to View Website](#)
- **Business Requirement Document (BRD) & Test Script Portfolio** – Collection of written documentation and test scripts. : [Click Here to Vies Test Script](#)
- **End-to-End Testing with Playwright** : [Watch Video on YouTube](#)
- **GitHub Portfolio** : [Click Here](#)