MALIK AZIZ RAMADHAN

malikazizrmdhn@gmail.com | +62 813-9160-4961 | linkedin.com/in/malik-aziz-ramadhan

EXECUTIVE SUMMARY

Bachelor of Informatics Engineering from Telkom University with a 3.89 GPA, graduated in 3.5 years. Excited about a career path in Software Quality Assurance (QA) and Software Testing to capitalize on technical knowledge and analytical skills. Capable of Manual Testing, Heuristic Evaluation, JavaScript, and Python. Committed to ensuring software reliability, delivering bug-free solutions, and maintaining high testing standards. Adaptable to challenges, continuously learning, and seeking growth opportunities.

EDUCATION

Telkom University   2022 - 2026

- Bachelor of Informatics Engineering with a 3.89/4.00 GPA.
- MSIB batch 7 Studi Independen at PT. Hacktivate Teknologi Indonesia (Hacktiv8).

WORK EXPERIENCE

Suku Dinas KOMINFOTIK Jakarta Timur   **Jakarta**
Internship at Applications, Cyber, and Statistics Section   June - August 2025

- Developed and self-tested frontend features for the "Si Jete" chatbot prototype to ensure functionality met user requirements before deployment.
- Collected data related to taxation in the DKI Jakarta region to be used as training data for the chatbot.
- Recapitulated and analyzed survey data from the Central Statistics Agency (BPS) for the East Jakarta area to support internal data needs.
- Achieved a final score of 97.6/100 from the field supervisor.

ORGANIZATIONAL EXPERIENCE

Vice Chairperson, Team Web SMA N 1 Sragen   October 2019 – October 2020

- Assisted the Chairperson in leading and coordinating the activities of the Web Team, which was responsible for developing and managing the school's website and social media.
- Collaborated with team members to design, implement, and update the website's layout, articles, social media content, and functionality.
- Provided materials and training to students in the Journalism extracurricular activity.
- Collaborated with other school organizations and departments to gather and integrate relevant information and updates onto the school's website and social media.

PROJECT EXPERIENCES

Food Recommendation System for Diabetes Patients [Repository]   Sept 2025 - Jan 2026
Bachelor Final Project | Grade: A (88.7/100)

- Developed a hybrid recommendation system using Random Forest & K-Means to suggest meal plans, utilizing a processed dataset of 162 ready-to-eat items.
- Achieved high model performance with 93.10% Accuracy, 95.86% Precision, and a Silhouette Score of 0.438.

- Integrated the model into a Streamlit web prototype and performed Functional Testing to verify that the interface correctly displayed the model's predictions based on user inputs.

Usability & Heuristic Evaluation Project   June 2025
Software Implementation and Testing Coursework
- Conducted a rigorous Heuristic Evaluation on a peer-developed software application using 23 Usability Heuristics.
- Identified and classified usability issues using a Severity Rating scale (0-4), distinguishing between minor interface issues and critical functional errors.
- Documented findings into a structured report, providing constructive recommendations to improve user interface and error prevention mechanisms.

FreshWash – Car Wash Reservation Website [Repository]   March - June 2025
Software Implementation and Testing Coursework
- Built a full-stack web application in a 3-person team using ReactJS for the frontend and Express.js/MySQL for the backend.
- Conducted manual functional testing on the booking workflow to ensure data consistency between the user dashboard and the server.
- Identified and resolved edge cases in the reservation form input to prevent invalid data submission.

E-Commerce Website "ShopLine" [Website]   December 2024
Studi Independen MSIB at Hacktiv8
- Developed a web-based e-commerce application using React Vite and several React libraries such as Router, Redux, Toastify, and Sweet Alert.
- Performed End-to-End (E2E) verification on the user journey, from account registration to product checkout, ensuring a bug-free shopping experience.

COURSES AND CERTIFICATIONS

API Test Automation with Postman [Certificate]   February 2026
Test Automation University

SQL (Basic) [Certificate]   February 2026
HackerRank

Digitalent "Intermediate Junior Web Developer" [Certificate]   September 2025
Kementerian Komunikasi dan Digital

SIB "ReactJS for Front End Web Developer" [Certificate]   Sept – Dec 2024
Hacktiv8 Kampus Merdeka

SKILLS

Language: Bahasa Indonesia (Native), English (Intermediate)

Software Testing: Manual Testing, Heuristic Evaluation, API Testing (Basic), Black Box Testing, Severity Rating Assessment.

Tools: Microsoft Office, Google Workspace, Testing (Postman, Chrome DevTools), Programming (Visual Studio Code, Google Colab, Git/Github)

Programming: JavaScript, Python, SQL, HTML, CSS, ReactJS, ExpressJS

Soft Skills: Teamwork, Communication, Adaptability, Problem Solving