

PROFESSIONAL SUMMARY

A QA engineer with 4+ years of experience, complemented by hands-on skills in frontend development and UI/UX design. I've contributed to product teams in fast-paced environments, handling everything from automation testing and API validation to building and designing web applications. I enjoy working close to the product and care about both quality and user experience.

EXPERIENCE

Parkee

Oct 2022 - May 2026

Quality Assurance

- Executed comprehensive QA coverage across web and mobile platforms, including sanity, smoke, exploratory, regression, API, and design testing
- Built and maintained automation test suites using Robot Framework and Python, covering API payment, settlement, backoffice, and Passport Open API with automated DB-to-API comparison
- Contributed to the full development lifecycle of a core transactional feature, sustaining 1,000+ transactions/month
- Performed end-to-end testing and maintenance of the parking app and web backoffice, supporting 1.5 million+ parking transactions/month
- Performed manual integration testing with a third-party disbursement provider, validating end-to-end fund flow and edge case handling
- Tested payment gateway integrations including Midtrans and GoPay, covering transaction flows, failure scenarios, and reconciliation accuracy

Mamikos

Dec 2021 - May 2022

Quality Assurance

- Developed well-structured test cases using Gherkin syntax documented in Jira
- Performed prioritized regression testing with the QA team prior to each production release
- Planned and executed manual testing for new features across web and mobile platforms
- Reviewed requirements, specifications, and technical designs, providing constructive feedback to improve product quality

BNI Life Insurance

Sep 2020 - Feb 2021

Quality Assurance

- Analyzed, and tested insurance policies to ensure compliance with company quality standards and minimize operational risks
- Collaborated with cross-functional teams to align insurance requirements with company policies and procedures
- Developed analytical reports documenting issues and insights to drive continuous improvement

BNI Life Insurance

Feb 2020 - Sep 2020

Web Developer

- Developed and maintained internal backoffice web applications using JavaScript and Bootstrap
- Conduct in-depth research and strategic implementation of web application migration projects aimed at significantly enhancing application performance, scalability, and maintainability.

EDUCATION

Binus University

Computer Science - Multimedia

2017 - 2021

- **Specialization & Coursework:** Specialized in Web Development (HTML, CSS, JavaScript, Laravel), UI/UX Design (Axure, Photoshop), and Game Development (Unity).
- **Final Project:** Developed an interactive educational web platform engineered with React.js, Tailwind CSS, and Express.js.

TECHNICAL SKILLS

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| <ul style="list-style-type: none">• Web Development: HTML, CSS, JavaScript, Python, ReactJS, NextJS, jQuery, Astro, AMP, TailwindCSS, Bootstrap• Test Automation: Selenium, Robot Framework, Cypress, Playwright, WebdriverIO, Cucumber, JMeter, K6• Tools: GitHub, Contentful, Figma, Linear, Jira, Qase.io, Postman | <ul style="list-style-type: none">• Testing Methodologies: Black Box Testing, White Box Testing, Smoke Testing, Sanity Testing, Regression Testing, Functional Testing, API Testing, Design Testing, User Acceptance Testing (UAT), Exploratory Testing• Platform & Domain Testing: Web Testing, Android Testing, iOS Testing, Watch Testing, Database Testing• Testing Execution: Manual Testing, Automation Testing |
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INDEPENDENT PROJECTS

Personal Management Web App

Web Developer

- Architected a modular app using Next.js App Router, TypeScript, and Supabase for tracking/analytics modules with real-time data sync.
- Engineered with JavaScript, NextJS, Tailwind CSS, and Supabase for database management, auth, and real-time sync.
- Integrated third-party REST APIs to dynamically process continuous raw data streams into structured analytics.
- Built a component library documented in Storybook to enforce UI patterns and component reusability

Personal Management Web App

QA Engineer

- Architected a Cypress framework utilizing Page Object Model (POM) and custom abstractions to decouple test logic.
- Built automated E2E test suites covering key user flows, direct REST API request validations, and Supabase database state verification.
- Configured automated test workflows within GitHub Actions, enabling continuous integration testing
- Designed targeted test scenarios to validate third-party API data structures, error handling, and UI fault tolerance.

Personal Portfolio Web

Web Developer

- Architected a web platform using Next.js and JavaScript with Headless CMS dynamic content fetching.
- Integrated Contentful CMS SDK to dynamically manage portfolio case studies, metadata, and dynamic routing across project showcases.
- Built a responsive design system using Tailwind CSS and Framer Motion
- Implemented dynamic SEO metadata, Open Graph image generation, custom XML sitemaps, and robots.txt for search engine visibility.