

# Nuruddin Abdurrahman Maulana, S.Kom

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Highly skilled Software Quality Assurance (SQA) Engineer with a proven track record of ensuring the delivery of exceptional software products. Expert in all phases of the Software Development Life Cycle (SDLC) with extensive knowledge of diverse testing methodologies, tools, and frameworks. Demonstrates exceptional problem-solving skills by identifying and resolving complex issues while collaborating seamlessly with cross-functional teams. Dedicated to optimizing processes, enhancing system reliability, and driving continuous improvement to deliver robust and user-centric software solutions that meet and exceed business goals.

## Working Experience

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### Lembaga Nasional Single Window

Feb 2024–Present

#### Quality Assurance Engineer

- **Developed Test Plans and Cases :** Created and executed over 100 test case for new and existing product features, improving coverage and defect detection by 25%.
- **Quality Automation Testing :** Automated 80% of repetitive tests using Katalon Studio, reducing manual testing time by 40% and enhancing testing efficiency.
- **Performance Testing :** Conducted performance testing with JMeter, identifying and resolving **critical bottlenecks** that enhanced system resilience and boosted throughput by 30%.
- **Black Box Testing Integration :** Implemented Black Box Testing for 100% of core functionalities, ensuring compliance with user expectations and functional requirements.
- **Documentation :** Delivered detailed User Acceptance Test (UAT) documentation to streamline product releases and ensure alignment with user requirements.

### Oriental Aman Karpet

Sep 2023–Okt 2023

#### Search Engine Optimization Specialist

- **Managed** the company's website for improved user experience and product visibility.
- **Implemented SEO optimization** strategies that increased search ranking and boosted product visibility by 20%.
- **Conducted online marketing** campaigns through Google platforms and other media, enhancing customer engagement and reach.

### Tholabie Classic International Boarding School

Jun 2019–Jun 2023

#### IT Teacher

- **Taught digital marketing** concepts and tools to students, equipping them with practical, market-ready skills.
- **Supervised and mentored** 20+ vocational interns, providing real-world IT and digital marketing project experience.
- **Implemented modern IT tools**, increasing student engagement and project completion rates by 15%.
- **Digital Marketing Instruction :** Trained over 50 students in digital marketing strategies, equipping them with practical skills for the modern workforce.
- **Enhancing Student Potential :** fostered a collaborative and interactive classroom environment, helping students develop both technical and interpersonal skills that are essential for success in the IT industry and beyond.

## Education Level

Brawijaya University

Juni 2015–Des 2022

### **Bachelor of Information Technology (GPA 2.96/4.00)**

- **Software Engineering** : Gained expertise in software development principles, including design, testing, and maintenance. I am passionate about ensuring software reliability and functionality.
- **Software Testing** : Mastered testing techniques such as Black Box, White Box, and Automation Testing to improve software quality. I enjoy applying these methodologies to identify issues and optimize performance.
- **Software Project Management** : Acquired knowledge of the software project lifecycle, with a focus on quality management and timely delivery. I enjoy managing the planning and execution phases to ensure success.
- **Software Quality Management** : Focused on strategies and best practices for maintaining and improving the quality of software throughout its lifecycle. I enjoy ensuring that software meets the highest quality standards.
- **Database Systems** : Developed expertise in managing and testing data integrity in database-driven applications. I enjoy applying these skills to ensure robust, error-free data management.

## Organizational Experience

Kampoeng Digipreneur, Malang

Jan 2019–Aug 2022

Marketing Online Division

- Volunteering as Volunteered as a **Social Media Staff** for a foundation, handling various responsibilities to promote the organization's mission and connect with its audience.
- Crafted engaging content to increase awareness and engagement, ensuring the foundation's presence was effectively communicated across social media platforms.
- Managed and optimized campaigns to enhance audience interaction, ensuring alignment with the foundation's goals.

## Skills and Language

### Technical Skills

#### 1. Software Testing & Quality Assurance

- Test case creation and execution
- Black Box, Smoke Testing, Regression Testing
- Performance Testing (JMeter)
- Automation Testing (Katalon Studio, Cypress, Playwright, Robotframework)

#### 2. Search Engine Optimization (SEO)

- Keyword research and optimization
- Website performance optimization
- Backlink generation
- Analytics and reporting

#### 3. Digital Marketing

- Content marketing strategies
- Online advertising and campaigns
- Social media marketing
- Google Ads management

#### 4. Programming & Scripting (Optional)

- Basic scripting for automation (Python, Java, or Groovy, used in tools like Katalon)

## **Soft Skills**

- Problem Solving and Critical Thinking
- Team Collaboration and Communication
- Attention to Detail
- Time Management
- Analytical and Reporting Skills
- Project Management

## **Language**

- **English** : Basic (Toefl ITP : 497)
- **Indonesian** : Native