



EDUCATION



**ALTERRA
ACADEMY**
2019 - 2019



**ELECTRICAL ENGINEERING
ITS SURABAYA**
2015 - 2019



**SMAN 1
CILEGON**
2012 - 2015

WORKING EXPERIENCE

February 2022
PRESENT

Software Developer (QA Core) - GovTech Edu

- Successfully executed a high-target stress test (200k RPS) using the distributed K6 system for the nationally scaled ANBK project
- Successfully creating automation web test using visual test that build from scratch with native Java (no need external dependency) and test script at assertion section, so the test script is simpler and easier
- Achieving highest level of employee work performance (98 of 100 points) in 2022 period
- Building remote driver environment using Selenium docker that run on vm, making user easier to run automation test
- Developing auto test case generator that using AI technology that can integrated with Jira ticket
- Constructing Gitlab CI/CD pipeline for automation tools that used by all tester in GovTech (from microservice until core)
- Developing performance test tools framework and structure using K6 with high specification that can run in distributed machine and generate its report in html form and send it to slack notification
- Integrating Xray Cloud plugin in Jira with all automation tools platform (web, api, desktop, performance, android)
- Develop and maintain automation test orchestration including automation test CI/CD, test reporting, and automation test metrics management
- Actively Collaborate with QA Managers and Product Engineers in

September 2021
Januari 2022

Senior Software Engineer (EP) - Tokopedia

- Finishing 208 automated test cases just only in 2 months and achieving all Q4 goals
- Support Planning of test schedules in accordance with project scope/delivery dates and ensure that the timelines are adhered to without fail
- Maintaining and improving automation test using Katalon (groovy) for desktop, lite, and android platform (both Seller Apps and Main Apps), while swift for iOS and hummertime (golang) for load test in Shop Core team
- Supervising SDLC process on several modular projects
- Participating in user story reviews to provide input on functional requirements, Acceptance Criteria, schedules, or potential problems
- Being meticulous about documentation and maintaining a robust log of all test cases and test results

Oktober 2020
September 2021

Quality Assurance - Flip.id

- Appointed as a company delegation to be a speaker at an event organized by ISQA (biggest Quality Assurance community in Indonesia)
- Carrying out connectivity and partnerships between Flip.id and third parties and ensuring Flip.id upstream system can run well according to documents and cooperation agreements
- Building automation test construction from scratch with team
- Doing both manual and automation test in Javascript based frame work (mocha, chai, axios, appium, etc) integrated with Gitlab CI/CD pipeline
- Helping Junior Test Engineer by providing mentorship or code review
- Helping and designing test automation framework based on past experience and demand of the current project

Oktober 2019
Oktober 2020

Software Development Engineer in Test - Alterra

- Ensuring software to be produced is free from defects, bugs, and meets the team's agreement and UAT
- Holding sharing session class as speaker about "Automation Using CSS Selector and Its Relationship Between QE and SE"
- Helping the team to integrate management of main business processes mediated by Odoo as software (serving internal needs either from accountants, employees, until HR)
- Actively participate in walk-through, inspection, review and user group meetings for quality assurance
- Influence other division & teams about quality mindset to foster collaboration in building high quality products
- Developing automation tools using some high end tools like Selenium Java, Jenkins, Postman, Junit, Jbehave, Cucumber Gherkin, Testlink, Rest assured, etc.

July 2019
September 2019

Software Quality Assurance Trainee - Alterra Academy

- Getting a lot of knowledge and new experience, learning some techniques in maintaining software quality and also how to work in team
- Got first place in class during first assessment period

ORGANIZATION

February 2016
January 2019

Software Developer - ITS Robotics Team

I joined ITS Robotics Team in Legged Fire Fighter Robot (KRPAI) in 2016 till 2019. I had won several robotics contest either in national and regional level. From this team I got many insight and learned many things. Not only about science and technology, but also a Team Coordination.

Januari 2018
February 2019

Head of Laboratory Assistant - ITS Industrial Electronic Laboratory

Doing coordination between department and entire member of the laboratory, scheduling laboratory practicum, and doing research publication

August 2017
July 2018

Head of Social & Community - BADUY Laboratory

BADUY is a Banten Student regional community based in Surabaya. This community builds kinship among its member to help each other. My job was doing charity and devotion for the area in Banten.

ACHIEVEMENT

July 2018

Second Place of Kontes Robot Indonesia (KRI)

I won the second place of KRI in Fire Fighter Robot division in National Level. It held by Research, Technology, and High Education Ministry.

July 2018

Best Design of Kontes Robot Indonesia (KRI)

I obtained the Best Design Honor of KRI in Fire Fighter Robot division. It held by Research, Technology, and High Education Ministry.

July 2017

Third Place of Kontes Robot Indonesia (KRI)

I won the third place of KRI in Fire Fighter Robot division in Regional Level. It held by Research, Technology, and High Education Ministry. I also got the

ANJAS MUHAMMAD BANGUN, S.T.

PERSONAL INFORMATION

ID CARD NUMBER
3672070603970002

DATE OF BIRTH
6th of March 1997

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SOCIAL MEDIA
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SKILLS & KNOWLEDGES

SOFTWARE QUALITY ASSURANCE

BDD, Gherkin, Junit, Jbehave, Java, OOP, Selenium, PHP, Mock, Mocha Js, Serenity, Zalenium, Selenium, Maven, Rest Assured, Jmeter, Json Schema Validator, Xpath, CSS, Testlink, Xray Cloud, Rest API, Katalon, Javascript, Shell, Testlink, Locust, Espresso, UI Automator, Katalon, Appium, Playwright, Visual Test, Applitools, Postman, K6, Jmeter

Software Engineer

C++, Python, HTML, CSS, PHP, Javascript, jQuery, Bootstrap, Gitlab CI/CD pipeline, Jenkins, terraform, bash and script command, cronjob, grafana, Codeigniter, Yii, Apache, AWS, (EC2, Route 53, Cloud Front, S3 Simple Storage), Shell / CLI, Open Computer Vision (CV), Big Query, MySQL, PostgreSQL, Matlab, Regular Expression (Regex), REST API, Java Swing (GUI), JavaFX, Looker Data Studio

Electronics & Embedded System

Assembly, C, Eagle PCB Designer, Electronics Simulator (Proteus, Ni Multisim, Circuit Maker), 32 Bit CooCoox for STM32 Family, STM Studio, Codevision AVR for ATmega, Family, Arduino Family, Raspberry PI, PWM and Other Signal, Generator, ADC/DAC, Neural Networks & Artificial Intelligence, FPGA Quartus, FPAA Anadigm Designer, Rs485, Rs232, SIM 800, Accessing Dynamixel Servomotor

Project Management and Others

Jira, Pivotal Tracker, Clickup, Agile Methodology, Scrum Framework, Kanban Board, Testlink, Test Management For Jira (TM4J), Trello, CI/CD, Travis, Docker, Jenkins, Git, Github, Gitlab, Corel Draw, Paint.Net, Adobe Flash Animation, Mac OS, Windows OS, Ubuntu OS (using SSH & SFTP), aws, Linux, OS, Microsoft Office (Ms. Word, Ms. Power Point, Ms. Excel, Ms. Outlook), Adobe Audition