

# IRFAN

(Jr. Fullstack developer)

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<https://github.com/Irfanzainuddin11>



Have a solid understanding of the basic principles of systems and technology. The combination of technical knowledge in programming languages and understanding of systems allows me to design integrated and efficient solutions. Interested in programming, so I decided to add my knowledge with several IT training courses. Completed my Golang intensive training organized by Kominfo DTS & Hacktiv8. Recently I completed a fundamental JavaScript training by Dicoding Academy.

## EDUCATION

### Malikussaleh University

Bachelor of Electrical Engineering (GPA 3.35/4.00)

North Aceh, Indonesia

2016 - 2022

## PROJECT

### Web Portfolio

Jun 2024

Uses semantic HTML, CSS, and JavaScript to create this web portfolio. Create a visually appealing and user-friendly web portfolio to showcase my professional skills and accomplishments. It includes special sections highlighting my projects, certificates, technical skills, contacts, and my downloadable resume. Each project is presented with detailed descriptions, visuals, direct links to show my proficiency and creativity. The design ensures easy navigation for links to other menus. But my homework is not finished, namely ensuring responsiveness across devices(on-going).

Repository: <https://github.com/Irfanzainuddin11/website-portfolio>

### Golang Microservices (Simple REST API)

Apr 2023

Golang Simple REST API uses CRUD method and Gin framework. I created 2 folders with the names router and controller. The routers folder will be where we put the routing configuration, while the controllers will be where we put the endpoints we need. I use net/http package for determining code and package status, and endpoint test with Postman.

Repository: <https://github.com/Irfanzainuddin11/Learn-Golang>

### Human Pose Estimation(Model AI Fitness Repetition)

Apr 2022

AI with Python programming to detect a person's movements while exercising(sports) based on computer vision. The project was able to track a person's movements, by pinpointing every key point on the body to be connected by lines, and forming a human skeleton. Next, I added a feature that can count the number of repetitions for special movements such as push ups, pull ups, and lifting weights.

Library: OpenCV, Mediapipe, Numpy

Journals: <https://ejournal.unma.ac.id/index.php/infotech/article/view/4233>

<https://ijesty.org/index.php/ijesty/article/view/346/229>

## TECHNOLOGIES AND LANGUAGES

**Application Development** : Golang, JavaScript, Python, HTML-CSS,

**Backend** : Git, OOP, API Testing, Gin Framework, MySQL, Golang Microservices.

**Languages** : English, Bahasa Indonesia

## CERTIFICATIONS

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### Dicoding Academy

Learn Basic JavaScript Programming

Certificate: [dicoding.com/certificates/GRX5DVYM2X0M](https://dicoding.com/certificates/GRX5DVYM2X0M)

*Issued on Aug 2023*

*Expired on Aug 2026*

### Kominfo Digital Talent Scholarship FGA X Hactiv8

Scalable Web Service with Golang

Certificate: [digitalent.kominfo.go.id/cek-sertifikat](https://digitalent.kominfo.go.id/cek-sertifikat)

Credential ID : 1955617840-969

*Issued on May 2023*

*No Expiration Date*

### Hactiv8

Go Programming Secure Your Go Apps

Certificate: [sertiva.id/credential/c4b8e816-fb4b-4f53-a8eb-d1abe4a53ac3](https://sertiva.id/credential/c4b8e816-fb4b-4f53-a8eb-d1abe4a53ac3)

*Issued on May 2023*

*No Expiration Date*

### Hactiv8

Go Programming Microservices Into the Specialization

Certificate: [sertiva.id/credential/488f5280-fe19-45e5-b683-bdb62445cc37](https://sertiva.id/credential/488f5280-fe19-45e5-b683-bdb62445cc37)

*Issued on May 2023*

*No Expiration Date*

### Hactiv8

Introduction of Fundamental Go Programming

Certificate: [sertiva.id/credential/a83a7ee7-680a-4c81-a77f-0a9460705e2c](https://sertiva.id/credential/a83a7ee7-680a-4c81-a77f-0a9460705e2c)

*Issued on May 2023*

*No Expiration Date*

### Dicoding Academy

Begin program with Python

Certificate: [dicoding.com/certificates/JLX1L0YK2X72](https://dicoding.com/certificates/JLX1L0YK2X72)

*Issued on Oct 2022*

*Expired on Oct 2025*

### Dicoding Academy

Learn Basic Data Visualization

Certificate: [dicoding.com/certificates/72ZDO4R26XYW](https://dicoding.com/certificates/72ZDO4R26XYW)

*Issued on Oct 2022*

*Expired on Oct 2025*

## INTEREST

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- Began my programming journey by finishing my thesis in College, about how to detect human poses based computer vision with Python.
- Outside of my academic degree, I want to be a backend developer.
- I was both enthusiastic and happy when the program was successfully executed, and curious if the program got an error.

## WORK EXPERIENCE

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### Assistant Instrument Engineer

Internship

Instrument Maintenance Dep.

North Aceh, ID

**PT Pupuk Iskandar Muda**

*Dec 2019 – Feb 2020*

- Installed transmitters (pressure, temperature, level transmitters) and did calibrate tests before installing.
- Prepare for preventive maintenance in equipment instruments.
- Solved any problem caused by equipment instrument failure.

## ACHIEVEMENT

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### Runner Up MTQ Mahasiswa Tartilil Quran

Malikussaleh University

*Nov 2020*