

# Muhammad Irfan Zahran

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## CAREER SUMMARY

I am Irfan, a Front-End Developer who loves shipping digital products that matter to users. With a proven track record in previous projects, I aspire to contribute my expertise to innovative projects that push the boundaries of web development. I aim to continue developing my expertise in modern technology and collaborate with a dynamic team to deliver technology solutions that positively impact society.

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## EXPERIENCE

### Frontend Developer Freelance – PT Komuri Indonesia Geekgarden

January 2025

- Successfully developed order management web app for Deveranda Café kitchen & bar. What I've done :
  - Implemented realtime push notification using firebase FCM
  - Developed an admin page to manage all order data
  - Implemented role based authentication
  - Ensure responsive UI across all devices
- **Tech stack:** React.js, Next.js, Typescript, Tailwindcss, Axios, REST API, Firebase.
- **Website:** [kitchen.deveranda.id](http://kitchen.deveranda.id)

### Frontend Developer Intern – PT Komuri Indonesia Geekgarden

March 2024 - June 2024

- Successfully developed version 1 of Join Geek, the official career and recruitment portal for GeekGarden. During my internship, the things I have achieved are:
  - Released this project right on schedule
  - Implemented Google SSO authentication features
  - Developed an admin page to manage job applicant data, apply status, and existing job listings.
  - Improving the appearance of the landing page
  - Integrate with google analytics to track user behavior
  - fixing bugs and errors.
- Establish good communication with the QA / Tester team, Backend Developer, and Project Manager so that the project process ran smoothly.
- **Tech stack:** Vue.js, Nuxt 3, Typescript, Material UI, Google Oauth, REST API, Google Analytics.
- **Website:** [join.geekgarden.id](http://join.geekgarden.id)

## Web Developer Intern – PT Habitz Inovasi Teknologi

August 2023 - December 2023

- Responsible for the development of the admin website, from build database architecture to implementation in a responsive UI.
- Acquired hands-on experience in data management and integration.
- Tech stack: Vue.js, Nuxt, Typescript, Materialize Theme, Pinia State Management, REST API.
- **Certificate:** [drive.google.com/file/d/1w9ZS0B9-dEmZzx61LgUatHsb15iUrZKU](https://drive.google.com/file/d/1w9ZS0B9-dEmZzx61LgUatHsb15iUrZKU)

## Laboratory Teaching Assistant – Universitas Muhammadiyah Surakarta

September 2023 – January 2024

- Conducted instructional sessions, assist lecturers teaching students the fundamentals of operating systems such as how operating system work, Windows commands, installation and basic usage of Linux, remastering Linux, and more.
- Facilitated practical lab sessions, providing hands-on experience to reinforce theoretical knowledge.
- **Certificate:** [drive.google.com/file/d/16ME9aPwVH4J5ymyFWvZTCrOulB6MeEbj](https://drive.google.com/file/d/16ME9aPwVH4J5ymyFWvZTCrOulB6MeEbj)

## Head of Web Development team - Fosti UMS

August 2023 – December 2023

- Improved team collaboration and resulting in a more efficient development process.
  - At this time we succeeded in developing 3 websites :  
[fostifest.fostiums.org](https://fostifest.fostiums.org), [kayon.fostiums.org](https://kayon.fostiums.org), [fostiums.org](https://fostiums.org)
  - **Certificate:** [drive.google.com/file/d/1F-ME43FsyVzdl4JMarG04q\\_-Qj0ulXtF](https://drive.google.com/file/d/1F-ME43FsyVzdl4JMarG04q_-Qj0ulXtF)
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## FEATURED PROJECTS

During college I spent my time building SaaS projects that have been used by thousands of users.

### MultiAI – All in One AI Chat

An all-in-one AI chat platform for tech enthusiasts. This platform have 3 main feature: AI chat, AI artifact, and AI creations.

- Already used by 2000+ users.
- AI chat feature to chat with several AI models that we provide.
- AI artifact feature to preview AI generated code for coding related task.
- AI creations is an e-commerce feature to sell source code programs.
- Integrated with midtrans payment gateway to handle subscription and checkout payments.
- Integrated with OpenAI, Anthropic, and DeepSeek AI provider.
- Implement caching and using indexedDB for better performance and faster data transfer.
- Tech: Next.js, Tailwindcss, Typescript, IndexedDB, github CI/CD workflow, Midtrans payment gateway, Jest unit testing, Resend, Posthog analytic, REST API, Google Oauth, Supabase database (PostgreSQL), Supabase cloud storage, Cloudflare, Nginx.
- Website: [multiai.id](https://multiai.id)

## **TanyaPDF – Chat with PDF document**

A web application that leverages artificial intelligence to help users extract key insights from PDF documents in seconds. The platform features an interactive chatbot that answers any questions about uploaded documents.

- Already used by 1000+ users.
- Implement secure authentication using email password and Google Oauth.
- Implement Retrieval augmented Generation to serve the right answer.
- Persistence chat history and document PDF.
- Tech: Next.js Typescript, OpenAI API, REST API, Langchain, Vercel AI SDK, Supabase (PostgreSQL). Zustand state management, Google Oauth.
- Website: [tanyapdf.id](https://tanyapdf.id)

## **Visits.id – Microsite Builder**

A microsite builder that enables users to create microsities for link management and digital product distribution.

- Already used by 1000+ users.
- User can create short link and see analytic
- User can create microsite with various themes ready to use, SEO friendly, secure payment gateway, and easy customization.
- Many microsities created on visits.id appear on the google search engine because they are SEO friendly.
- Combine server side rendering and client side rendering for better performace.
- Tech: React.js, Next.js, Typescript, Shadcn UI, Supabase database, Zustand, Payment gateway, google Oauth, REST API.
- Website: [visits.id](https://visits.id)

If you want to see all the projects I have done or want to see the source code of my public project you can see it at the link below:

- **All projects:** [irfan-za.com/work](https://irfan-za.com/work)
- **Source code:** [github.com/irfan-za](https://github.com/irfan-za)

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## **EDUCATION**

### **Informatics Engineering – Universitas Muhammadiyah Surakarta**

**2021- 2025**

I am studying informatics engineering and focusing on software engineering. I've excelled in coursework with a GPA of 3.88.

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## **CERTIFICATION**

### **Software Development Competition – 1st place**

**6 October 2024**

At this competition, me and my team develop Siensi. QR code-based attendance system to manage attendance in various classrooms on campus. In this project I have a role as a frontend developer who uses React.js (Next.js) to create a system UI, manage, and integrate data.

**Certificate:** [drive.google.com/file/d/1riZ\\_VHWsPmqvaX1owPtx7DvrhNyrEDAP](https://drive.google.com/file/d/1riZ_VHWsPmqvaX1owPtx7DvrhNyrEDAP)

## **Javascript Programming Class – Speaker**

**March 2023 - December 2023**

In this class, I share my knowledge about javascript basics, such as algorithms and data structures, functional programming, nodejs basics, and package managers.

**Certificate:** [drive.google.com/file/d/1qRot5hO03RCws7eDn1mXXA9glyvgmhnM](https://drive.google.com/file/d/1qRot5hO03RCws7eDn1mXXA9glyvgmhnM)

## **Student Creativity Program (funded) – Participants**

**June 2023 - October 2023**

My team and I participated in the student creativity program in the field of community service by developing a [Z-health application](#) and we received funding from the campus and The minister of education, culture, research, and technology. So, we can carry out the program. I worked on designing the flow of the application, UI design, application user manuals, and educating our partners about using the application.

**Certificate:** [drive.google.com/file/d/1hBSZ1BRDRR87jO\\_khP35YXNRSPW\\_1LNd](https://drive.google.com/file/d/1hBSZ1BRDRR87jO_khP35YXNRSPW_1LNd)

## **Implementation Progress Assessment on Student Creativity Program – 1st place**

**1 October 2023 - 2 October 2023**

At this competition, me and my team presented the progress of the implementation of community service activities related to the use of the [Z-health application](#) as an application to help improve non-communicable disease prevention behavior at the Youth Posyandu in Mliwis Cepogo Boyolali Village.

**Certificate:** [drive.google.com/file/d/165KdRIhkWyjDSUaugzfxrinB40SZgYyz](https://drive.google.com/file/d/165KdRIhkWyjDSUaugzfxrinB40SZgYyz)

## **Flutter Mobile App Development – Dicoding**

**15 September 2024 – 19 September 2024**

Learn basic mobile development using Flutter, how flutter works, widget in flutter, build and export into a production app.

**Certificate:** [dicoding.com/certificates/6RPN1MYW9X2M](https://dicoding.com/certificates/6RPN1MYW9X2M)

## **Dart Programming Language – Dicoding**

**12 September 2024 – 15 September 2024**

Learn about dart fundamental, control flow, object oriented programming, basic concept in dart, functional style, and write effective code.

**Certificate:** [dicoding.com/certificates/1OP8WG458XQK](https://dicoding.com/certificates/1OP8WG458XQK)

## **Javascript Programming Language – Dicoding**

**27 November 2022 – 6 December 2022**

Learn about javascript in fundamental, syntax, data structure, functional and object oriented programming, Node.js, Error handling, javascript behavior, Node Package Manager (NPM), and implement testing in javascript.

**Certificate:** [dicoding.com/certificates/RVZKK8N2QZD5](https://dicoding.com/certificates/RVZKK8N2QZD5)

## **Cloud Practitioner Essentials (Basic AWS Cloud) – Dicoding**

**2 November 2022 – 13 November 2022**

Learn introduction about Amazon Web Services in general, Cloud computing product in AWS, basic concept and global infrastructure of AWS, basic public and private network, and benefit of implementing good architecture system.

**Certificate:** [dicoding.com/certificates/JMZVN9E53PN9](https://dicoding.com/certificates/JMZVN9E53PN9)

## **Frontend Development – Dicoding**

**26 October 2022 – 5 September 2022**

Learn how Document Object Model (DOM) work, build an interactive and responsive website using HTML, CSS, and javascript. I also learn about browser storage like local storage, session storage, and cookies.

**Certificate:** [dicoding.com/certificates/N9ZO7V40DZG5](https://dicoding.com/certificates/N9ZO7V40DZG5)

## **Web Programming – Dicoding**

**3 July 2022 – 20 July 2022**

Learn how to build a static website using HTML and CSS, create responsive UI layout, CSS flexbox, etc.

**Certificate:** [dicoding.com/certificates/1OP86R6M1XQK](https://dicoding.com/certificates/1OP86R6M1XQK)