M Fauzan Murtadho

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Hi, I'm Fauzan, A Geophysical Engineer turned Full stack Developer. I am an expert in Full stack Development. I use Bootstrap, TailwindCSS, Daisy UI and SASS as frameworks for interface styling. JQuery, React and Next.JS as frameworks for the frontend. Go, Echo and Fiber as framework for backend. Postgresql as database.

I have had a career in the field of full stack development for about 1.5 years. So far, I have been involved in 12 projects and have created 17 web applications. I am a person who has a good intelligence in terms of numerical and visual, fast in learning and good at analyzing problems.

Work Experience

PT Nizom Berkah Informasi.   Jakarta, Indonesia.
Backend Developer.   2024-01 to Now.

- Responsible for doing backend developer work related to developing server-side logic, designing and managing databases, integrating applications with external systems, debugging & testing, optimizing server performance and write API documentation.
- Responsible for doing a some devops work related to setting up servers, deploying applications, managing application version cycles.
- Involved in an application creation projects which are then marketed to general users.
- Involved in 4 application creation projects for clients.

PT Metra Digital Media.   Jakara, Indonesia.
Backend Developer.   2023-04 to 2023-12.

- Responsible for doing backend developer work generally related to developing server-side logic, designing and managing databases, integrating applications with external systems, debugging & testing, optimizing server performance and write API documentation.
- Involved in 3 application creation projects which are then marketed to other companies.

Education

- Dumbways.id.   2023-01 to 2023-03.
  Full stack Developer Program. Final Score: 82/100.
- University of Lampung.   2015-09 to 2019-06.
  Bachelor Program. Department of Geophysical Engineering. Faculty of Engineer.
  GPA: 3.66/4.00. Predicate: Cum Laude.

Expertise

- Frontend Development: Bootstrap, CSS, HTML, Javascript, Next.JS, React, SASS, TailwindCSS, Typescript
- Backend Development: Echo, Fiber, GORM, Go
- Database: MySQL, PostgreSQL
- DevOps: Git, Linux Ubuntu, Netlify, NginX, Pm2, Vercel

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Portfolio - WaysGallery

WaysGallery is a place where designer creators gather and share. This is a demo website that can be used to understand more about full stack website development. This website was created using Bootstrap and TailwindCSS for styling, React for the frontend framework, Go for the backend with the Echo framework, GORM for querying the database, PostgreSQL as the database, and Cloudinary as the file storage.

Available Features:
- Modal Login & Register
- A page showing all posts
- Feature to follow other creators
- Filter to see only posts from creators that are followed on the all-post display page
- Search feature to find posts on the all-post display page
- Profile page for each creator
- Job list feature that you want to show off on each creator's profile
- Features of hiring other creators
- Page to manage the process of hiring other creators
- API Endpoint for all above features
- Password Hashing Middleware for each User using Bcrypt
- Middleware Upload File to upload files from user input files
- Middleware to authenticate by creating a Token from JWT
- Payment Gateways using Midtrans

Deployment: https://waysgallery-inspire.vercel.app/
Source Code: https://github.com/fauzancodes/waysgallery

Portfolio - WaysBeans

An E-Commerce called WaysBeans which provides products in the form of quality coffee powder. This project demonstrates in full how to create a full stack E-Commerce using React and Bootstrap for the frontend, GO programming language with the Echo framework for the backend, the GORM ORM library to handle database query, PostgreSQL as the database, and Cloudinary as the file storage.

Available Features:
- Login and register forms that function properly
- Filter login as customer or admin
- Well-functioning logout button
- Shopping basket for customers
- Home page that displays products for sale if logged in as a customer and will display a transaction trail if logged in as an admin
- Product detail page that displays product details and also a button to add the product to the customer's shopping cart
- Customer profile page that displays customer identity and customer transaction history.
- Well-functioning Add Product page for admin to add product

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- Product list page that displays a list of products and delete and update buttons that can be used by admins to delete and update products
- API Endpoint to perform CRUD (Create, Read, Update, Delete) on User, Product, User's Cart, User's Transaction data
- API Endpoint for Login and Register
- Password Hashing Middleware for each User using Bcrypt
- Middleware Upload File to upload files from user input files
- Middleware to authenticate by creating a Token from JWT
- Payment Gateways using Midtrans

Deployment: https://waysbeans-coffee.vercel.app/
Source Code: https://github.com/fauzancodes/waysbeans-fullstack

Portfolio – HeirsScale

HeirsScale is a web-based application that can be used to calculate the inheritance of the deceased person according to Islamic law. This Application is made with HTML, CSS, Bootstrap, SASS, Javascript and Jquery.

Why HeirsScale?
- This application is web-based so it can be easily opened anywhere, anytime, no need to download or install and can be used on a desktop or mobile
- The calculation is carried out directly, once the number of heirs is determined, at that time the results of the distribution of the inheritance are determined

Deployment: https://fauzancodes.id/projects/heirsscale/index.html

Portfolio – Acme Dashboard

This is the final template for the Next.js App Router Course. It contains the final code for the dashboard application. For more information, see the course curriculum on the Next.js Website.

The features of this code are as follows
- Static & Dynamic Rendering
- CRUD (Create, Read, Update, Delete) invoice data from client-side to server-side and forwarded to the database
- Search & Filter data on the invoice table
- Authenticate (Session, Login, Logout) with next-auth
- Postgresql database relationship schema using vercel-postgres

Additionally, I added the following features
- CRUD (Create, Read, Update, Delete) customer data from client-side to server-side and forwarded to the database
- Widget for uploading customer photos which will then be stored in Cloudinary using the next-cloudinary library

Deployment: https://acme-fauzancodes.vercel.app/
Source Code: https://github.com/fauzancodes/acme-next14

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