RIZKI OKTO S

081264812864 | kikingar.567@gmail.com | https://www.linkedin.com/in/rizki-okto-s-583365229/ | https://rizki24-star.github.io/my-portfolio

Ambarita, Kab.Samosir, Sumatera utara

Software engineering student with great enthusiasm for programming especially in software development. Experienced in developing application using Laravel, React, Nuxt , Flutter, Kotlin and Node. Able to work individually or in groups and adaptable.

Project and Work Experiences

SatuPintu App (Local Tax Managament Application))
Jan 2024 - Present

Academic Final Project

"Satu Pintu" is a mobile app aimed at simplifying local tax management for government entities. It allows taxpayers to confirm contracts and make payments, while officials can collect payments and manage deposits.

- Developed the "Satu Pintu" mobile application using Flutter and Bloc state management for efficiency and security
- Integrated non-cash payment systems, including Virtual Account (VA) and QRIS via the Doku Payment Gateway.
- Implemented offline synchronization features to enable billing collection precess offline by petugas in limited network conditions.
- Built webservice using Node with Typescript, Prisma and MySql

Aksesmu - PT Sumber Trijaya Lestari - Alam Sutera, Kota Tangerang 15143 Banten-Indonesia
Aug 2023 - Dec 2023

Frontend Web Developer Intern

- Utilized frontend technology Nuxt.js for developing the Aksesmu company profile website.
- Conducted migration from Nuxt 2 to Nuxt 3 to leverage the latest features and enhance website performance.
- Implemented Typescript to improve code security, productivity, and scalability.
- Leveraged the responsive and mobile-first features of Nuxt 3 to unify mobile and desktop views into a single integrated project.
- Adjusted project structure and UI components to simplify and improve complexity.
- Develop the detailed store feature in Aksesmu Store GIS.
- Integration of Google Maps API to display maps and determine the nearest stockpoint location based on user input.
- Utilized mapping technology to display detailed information about stockpoints, regions, and member locations.
- Utilized backend APIs to fetch and update data from related databases.

YouTube Clone Application
Jun 2023

Personal Project

- Cloning Youtube Web Application using React JS
- Create UI Component using Material UI (version 5)
- Build a modern and responsive interface for all devices
- Fetching data from unlimited sources using RapidAPI.

Restaurant Cashier Application (KasirApp)
May 2023 - Jun 2023

Personal Project

- Develop a web-based restaurant cashier application using React and JavaScript.
- Converts designs into reusable UI components including navbars, menu lists, modals, and order cart.
- Integrate API from backend to fetch menu data and process orders
- Implement responsive design principles to ensure the cashier application can be accessed properly on various devices and screen
- size

Aplikasi Manajemen PA, TA, dan KP IT Del
Jan 2023 - Jun 2023

Academic Third Final Project

- Building a management system for Final Projects, and Practical Work for academic purposes at IT Del
- Using programming languages and technologies such as PHP, Laravel, and MySQL to develop applications.
- Implement features for each role with RBAC implementation
- Responsible for implementing data management features for students, lecturers, grouping, submission artifact, processing guidance,
- regulation, and assessment

Quizz App
Dec 2022 - Jan 2023

Personal Project

- Build a quiz application with a countdown timer using React JS

Sistem Informasi Pemungutan dan Pelaporan Retribusi Pasar (Siappara) v2
Aug 2022 - Dec 2022

Web Developer

- Develop and maintain the Siappara v2 application by implementing new features such as tenant management, contract generation and management, and bill generation.
- Using HTML, CSS, Jacscript, Laravel framework and MySQL database

LPPM IT Del: Beta Marsikkola (Learning Management System)   Jun 2022 - Aug 2022
Developer

- Improving the quality of learning through website development and dissemination of teaching materials at Unjur Samosir Elementary School
- Building a website-based E-Learning application to support online learning at SD N 16 Unjur during the pandemic which includes the features of: Managing classes, Subjects, Materials, Collection of assignments, exercises, quizzes, and discussion forums
- Using Laravel framework and MySQL database

Virtual Experience Program Mobile Developer by Rakamin   Jul 2022 - Aug 2022
Academy at Schoter
Mobile Developer Intern

- Build a news mobile application with consume API using retrofit library

Virtual Experience Program Fullstack Developer by Rakamin   Jun 2022 - Jul 2022
Academy at Investree
Full stack Developer Intern

- Building a blog website by implementing rest api and oauth tokens using the laravel framework and laravel passport

Sistem Informasi Fakultas Vokasi IT Del   Jan 2022 - Jun 2022
Academic Second Final Project

- Build an information system website for the IT Del vocational faculty, using the laravel framework
- Create features for each role of students, lecturers, deans and admins in the vocational faculty that make it easier to convey information between fellow vocational faculty members by implementing announcement and news features.
- Create features to promote faculties by implementing faculty profile features, study programs, lecturers, students, and alumni.
- Create features that simplify several administrative matters such as submission of MBKM proposals and journal publications

Aplikasi Mobile E-Commerse Canteen dan Koperasi IT Del   Apr 2022 - Jun 2022
(DelStore)
Final project for Mobile App Development Course

- Develop e-commerce mobile applications for the Android platform using the Kotlin programming language and Android Studio.
- Responsible for maintaining and improving e- commerce mobile applications, including implementing Authentication, Shopping Cart, Checkout and payment, and Notification features integrated into the backend.
- Build a website to manage all data on the mobile frontend using the laravel framework, and ensure that web pages function properly and responsive on various devices and browsers.
- Ensuring that data displayed on mobile web pages can be accessed quickly and securely by using API integration and optimizing the database to mobile applications

Education

Institut Teknologi Del - **North Sumatera, Indonesia**   Aug 2020 - Oct 2024 (Expected)
Bachelor Degree in Teknologi Rekayasa Perangkat Lunak, 3.48/4.00

Organization

Komisi Pemilihan Umum IT Del - **Institut Teknologi Del**   Mar 2022 - May 2022
Security Division
The general election organizing committee for the head of the BEM at the Del Institute of Technology

- Ensuring security during the general election for the team leader at the Del Institute of Technology

Depkominfo (Departemen Komunikasi dan Informasi) IT Del - **Institut Teknologi Del**   Jan 2023 - Dec 2023
Information Systems Division

- Maintain the official campus BEM website

Skills and Certificates

- **Hard skills :**: HTML, CSS, PHP, Javascript, Laravel, React, Nuxt, Kotlin, Flutter, Node, Git, Figma
- **Soft skills**: Collaboration, Communication, Self-learning, Problem Solving, Creativity, Adaptable
- **Achievements** ✔ (2022): Certificate of Completion - Investree Fullstack Developer Virtual Internship Experience Program

- **Achievements** ⊘ (2022): : Certificate of Completion - Schoters Mobile Developer Virtual Internship Experience Program
- **Achievements** ⊘ (2022): Shopee Code League 2022 - Participant
- **Modules Taken** ⊘ (2022): Belajar Membuat Aplikasi Android untuk Pemula
- **Modules Taken** ⊘ (2022): Memulai Pemrograman Dengan Kotlin
- **Modules Taken** ⊘ (2022): Rakamin Trial Class - Kickstart UI UX Design Journey
- **Modules Taken** ⊘ (2023): Certificate of Completion of Learn Backend Web Development with JavaScript & NodeJs by Devtown
- **Modules Taken** ⊘ (2023): Certificate of Completion of Learn Frontend Web Development with React.JS & JavaScript by Devtown
- **Modules Taken** ⊘ (2023): Problem Solving (Basic) Certificate by HackerRank
- **Modules Taken** ⊘ (2023): JavaScript (Intermediate) Certificate by HackerRank