

RIFQI HAIKAL CHAIRIANSYAH

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I am that person who has been an exciting exploration in the field of Information and Technology (IT), Experimenting with code to a seasoned Web and Mobile Programmer. Studying at Del Institute of Technology is not just about books, it is about hands-on experiences and applying what I have learned.

Education

DEL INSTITUTE OF TECHNOLOGY

Aug 2021 – 2025 (Expected)

Bachelor Degree in Informatics, GPA 3.37/4.00

Relevant CourseWork : Web-based Application Development, Software Testing and Quality Assurance, Software Analysis and Design, and Mobile Application Development.

Intern Experiences

PT.JAVAN CIPTA SOLUSI – PROGRAMMER

Yogyakarta, Indonesia

Sep 2024 - Jan 2025

- Demonstrated strong expertise as an Angular Programmer Intern by successfully implementing full CRUD (Create, Read, Update, Delete) operations for various application features.
- Gained practical experience in modern web development by fetching data, displaying API lists, and integrating multiple APIs into a real-world project at PT. Javan Cipta Solusi.
- Recognized for a deep understanding of Angular, effectively applying its features and structure to build navigations, dashboards, and solve problems during the development process.
- Excelled in a professional team environment through effective communication, sharing knowledge, and supporting colleagues to achieve project milestones.

Tech of Stack : Springboot, Express.js, React.js, Angular, and Vue.js

PT.FEDERAL INTERNATIONAL FINANCE - PROGRAMMER

Jakarta Selatan, Indonesia

Jun 2024 - Aug 2024

- Gained hands-on experience in full-stack development, utilizing Java Spring Boot for robust back-end services and Angular for dynamic front-end interfaces.
- Contributed as an integral member of the IT development team at a leading financial institution, PT Federal International Finance (FIFGROUP).
- Mastered effective API management, ensuring seamless data communication and integration between different software components.
- Sharpened critical soft skills by collaborating within a team, communicating complex ideas, and proactively solving technical challenges.

Tech of Stack : Angular, Springboot, and Swagger.

Organization Experiences

GOOGLE DEVELOPER STUDENT CLUB IT DEL

Oct 2023 – Dec 2024

Public Relations - Core Team

- Played a key role in executing strategic public relations plans, ensuring all activities aligned with the club's primary goals and objectives.
- Provided valuable input during planning sessions and offered guidance to fellow members, showcasing mentorship potential and a commitment to the team's success.
- Demonstrated strong communication and stage presence by taking on the role of Master of Ceremonies (MC) during a key club event.

STUDENT EXECUTIVE BOARD

Aug 2023 – Sep 2024

Department of Public Relations and Service - Head of the Social Division

- As Head of the Social Division, acted as the primary liaison to build and maintain strong relationships with various external parties for off-campus collaborations.
- Successfully managed and executed various off-campus activities, overseeing projects from the planning phase through to completion and promotion.
- Drove the division's public relations efforts by strategically publishing and managing content across social media platforms to boost engagement and publicize events.

STUDENT EXECUTIVE BOARD

Aug 2022 – Jul 2023

Department of Public Relations and Service - Member

- Joining the Department of Public Relations and Community Service under the Student Executive Board of Del Institute of Technology.
- Take part in community activities with volunteer programmes.

Events and Activities

PROGRAM KREATIVITAS MAHASISWA (PKM)

Awardee - 3rd places

Nov 2023

- Led a team to develop "Toba Trip" , an innovative project that successfully secured 3rd place in the FITE Festival's Student Creativity Program.
- Spearheaded the conceptual design of an Android application aimed at solving tourism information challenges by optimizing data accessibility in the Toba Samosir Regency.
- Excelled in transforming a collaborative team idea into a formal, award-winning project by organizing the concept and creating a compelling proposal that was selected as one of the best.

IT DEL FESTIVAL 2023

Aug 2023

Public Relations and Documentation Division - Member

- Designed the official logo for the IT Del Festival 2023, establishing the core visual identity used across all event materials.
- Actively participated as a member of the Public Relations and Documentation division, handling essential documentation tasks to capture and promote key moments of the festival.
- Played an integral role in the festival's success by combining creative talent with diligent execution of public relations responsibilities.

GOOGLE EDUCATION TRAINING

Sep 2022

Basic training on tools from Google Products - Participant

- Mastered the use of Google's tools to create professional reports and presentations, and understood how to use platforms like Google Classroom for effective communication.
 - Acquired comprehensive skills in the Google Workspace suite, including Docs, Sheets, and Slides, to streamline project collaboration and boost productivity.
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Group Project

SOFTWARE PROJECT MANAGEMENT

FRK & FED (Formulir Rencana Kerja & Penilaian Kinerja Karyawan).

Feb 2024 - May 2024

- Contributed to both the front-end and back-end of the 'FRK & FED' performance management system, demonstrating versatility in building a complete web application.
- Developed the platform's user interface and visual components using the Bootstrap framework to deliver a consistent, responsive, and user-friendly experience.
- Engineered the core back-end functionalities by implementing CRUD operations to enable seamless and dynamic management of employee performance data.

WEB-BASED APPLICATION DEVELOPMENT

Sep 2023 - Dec 2023

[SEMAT DEL](#) - *Web-based application used as information platforms for candidate of IT Del Students.*

- Demonstrated capabilities in full-stack web development by building a complex, large-scale application using Laravel 9.
- Implementing back-end logic and features while managing the application's database with MySQL.
- Developed the 'SEMAT DEL' web application, a vital information hub designed to assist prospective IT Del students.

CRIPTOGRAPHY

Dec 2023

DES (Data Encryption Standard) Algorithm System - A series of steps to encrypt and decrypt data

- Implementing GUI system with Python and Remodeling the base code

ARTIFICIAL INTELLIGENCE

Aug 2023

Sistem Pakar Diagnosa Penyakit Gigi

- Developed a rule-based expert system in Python using the forward chaining method to accurately diagnose dental and oral diseases based on user-inputted symptoms.
- Engineered a dynamic and interactive web-based user interface using Flask, HTML, and CSS to guide users through the diagnostic process seamlessly.
- Successfully integrated a comprehensive knowledge base of 44 distinct symptoms for 13 different diseases, each with a corresponding solution, into a cohesive and user-friendly diagnostic tool.

OBJECT-ORIENTED PROGRAMMING

May 2023

CLICKNIC APPLICATION - A hospital database that stores a huge data of patient, medication, doctor and diagnoses.

- Team Devised a hospital database system by implementing Java language as an interface running on Apache and MySQL as data storage.
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Individual Project

BOOKSHELF WEB

Jun 2025

Front-End Bookshelf Application

- Developed a fully interactive front-end application for managing a digital bookshelf.
- Engineered the application's core logic to support full CRUD (Create, Read, Update, Delete) operations for book entries.
- Mastered event handling to manage all user interactions, from form submissions to individual button clicks for editing, deleting, and changing the status of each book.

Programming Languages : HTML and JavaScript.

NOTES WEB

May 2025

Responsive Single-Page Note-Taking Application Built With Vanilla

- Architected a modular, component-based application from the ground up using pure vanilla JavaScript and the Web Components API to create a suite of reusable UI elements.
- Engineered a custom, centralized state management system with reactive updates to handle application data, while also implementing crucial security measures like input sanitization to prevent XSS vulnerabilities.
- Crafted a visually engaging and fully responsive user interface using modern CSS techniques like Grid and Flexbox, while enhancing user experience through thoughtful features such as real-time form validation and intuitive keyboard shortcuts.

Programming Languages : HTML, CSS and JavaScript.

API CENTRAL

Aug 2024

Centralisation And Centralisation And Standardisation Of API Documentation

- Engineering a Postman-to-Swagger converter tool, enabling the successful centralization and standardization of API documentation.
- Built the converter tool using a modern tech stack, implementing the back-end conversion logic with Java Spring Boot and creating a responsive front-end with Angular and Tailwind CSS.
- Constructed a complete Employee Management mini-project that featured role-based access control and user authentication using Spring Security and JSON Web Tokens (JWT).
- Demonstrated proficiency with industry-standard API tools like Postman, Swagger, and Axway, including defining data schemas and standardizing URL structures to improve documentation quality.

Programming Languages : HTML, CSS, JavaScript, TypeScript and Java.

EMPLOYEE MANAGEMENT WEB

Jun 2024

Mocking FIFGROUP Web

- Engineered a comprehensive employee management application featuring full CRUD (Create, Read, Update, Delete) functionality.
- Architected the application with a clean, component-based structure that separates concerns effectively.
- Created a dynamic and responsive UI by skillfully integrating multiple component libraries, including Angular Material for data tables, forms, and dialogs, alongside PrimeNG for advanced components.
- implemented Role-Based Access Control (RBAC) by protecting routes with an AuthGuard and a RoleGuard to manage user permissions.

Programming Languages : HTML, CSS, JavaScript, TypeScript and Java.

Skills

PROGRAMMING

Able to use programming languages such as [HTML](#), [CSS](#), [JavaScript](#), [TypeScript](#) Python, [Java](#), [PHP](#), Kotlin, Dart.

TESTING AND DESIGN

Able to use [Figma](#), Coda, Canva, Katalon, Selenium, and Postman.

SOFT SKILLS

Problem Solving, Critical Thinking, Decision Making, Management, Teamwork, Communication And Creative.

Languages

- Bahasa Indonesia : Native Proficiency
- English : [Upper Intermediate](#)