

Taufik Nurrahman, Website & Mobile Developer

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About Me

I am Taufik Nurrahman, a recent graduate of the D4 Informatics Management program at Surabaya State University. My daily activities involve working on projects related to website and application development. I possess skills in project planning, design, and execution. I have a strong inclination towards continuous learning, particularly in the fields of UI/UX design, website development, and mobile app development.

I am a developer with 1 year of experience in mobile app development using Flutter to create apps and proficiency in Laravel for web development. I have expertise in creating dynamic user interfaces, effectively managing app state, and integrating with backend APIs. My diverse skill set allows me to create engaging user experiences, optimize application performance, and collaborate effectively in both mobile app and web development projects.

Skills & Competencies

Programming languages: JavaScript, Dart, PHP, SQL.

Framework: Bootstrap, React JS, Flutter, Laravel.

Library Flutter: Http, Dio, GetX, Provider, Bloc, Shared Preferences, D Chart, Sqflite, Firebase core, Logger, etc.

Other technologies: Git, GitHub, Composer, Gitlab, cPanel, Linux, Firebase.

I currently have a switch:

- Have high empathy to understand user constraints.
- Collaboration with design and development teams.
- Creating responsive websites and applications.
- Understand the concept of REST API and how to consume API.
- Understand how to deploy to the server.
- Have knowledge of functional and object-oriented programming.
- Able to manage databases, servers and security systems.

Work & Experiences

PT. Capio Teknologi Indonesia

Jakarta, Indonesia

Flutter Developer

Apr 2022 – Jun 2022

Capio is one of Hacktiv8's KMI Partners. At Capio, I am part of the front-end Mobile division where my responsibilities include:

- Implementing UI designs into applications and ensuring the smooth functionality of both UI and application.
- Developing and implementing highly responsive user interface components using the Flutter SDK.
- Troubleshooting interface software and debugging application code.
- Documenting application changes and developing updates.

PT. Hacktivate Teknologi Indonesia, Independent Campus Internship

Jakarta, Indonesia

Front-end React Developer, GPA: 100/100

Feb 2022 – Apr 2022

- Comprehend and adeptly implement responsive design development for websites.
- Familiarize yourself with essential skills requisite for a front-end developer.
- Master the utilization of React libraries for front-end development in web and mobile applications.
- Skillfully debug and optimize the performance of developed websites and applications.

Education

Surabaya State University, Bachelor of Applied Science

Surabaya, Indonesia

Major in Informatics Management, GPA: 3.81/4.00

Jul 2019 – Jul 2023

- Acquire proficiency in programming languages to develop websites, desktop applications, and mobile applications, and apply these skills to final projects.
- Develop soft skills such as communication, time management, and collaboration within a group setting to create a range of applications.

PT. Stechoq Robotika Indonesia, Independent Study Programs

Yogyakarta, Indonesia

Software Engineering, GPA: 87.50/100

Feb 2022 – Jul 2022

- Become the top mentee in software engineering.
- Learn both soft skills and hard skills to collaboratively work on projects with students from various campuses.
- Acquire knowledge in Web Programming, UI/UX Research and Design, Mobile App Development, Artificial Intelligence, Linux, and Server Configuration.

Projects

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- Hotelio Application (Hotel Booking)** Aug 2023
- Hotelio is an application that allows users to search, select, and book hotels quickly and conveniently through their mobile devices. It simplifies the hotel booking process.
 - Using Firebase to create API data and implementing the finished Figma design into the Flutter framework.
 - Retrieving data from the API backend using HTTP and GetX libraries for state management to display API data.
- Shamo Application and Website (E-Commerce)** Aug 2023
- Shamo is an E-Commerce platform that offers a wide collection of shoes for purchase online. Users can browse, select and purchase shoes easily through this website.
 - Created a Laravel 10-based backend for a website dashboard to manage administrators and implemented it as an API.
 - Slicing Figma's design into the Flutter framework, retrieving data from the API using HTTP, and utilizing Provider for state management to display the API data.
- Outstanding Student DSS Website (Decision Support System)** Jul 2023
- Outstanding Student DSS is a web-based platform designed to recognize and reward outstanding student achievements. It provides a platform to record and publicize students' academic and non-academic achievements.
 - Conduct research and create a visual design of wireframes using Whimsical, and create case diagrams using Draw.io.
 - Implemented functions for administrators to add student data, import/export student ratings, and display the results of the calculation method on the student page using Laravel 9 as the backend.
- DCS Warehouse Application (Monitoring Material Stock)** Des 2022
- DCS Warehouse is an application specifically designed to monitor and manage the stock of materials or materials in the warehouse. It helps in maintaining the availability of required materials and avoiding shortages or overstocks.
 - Designed the UI/UX for the stock monitoring app in Figma, discussed it with the team, and then incorporated the design into Flutter.
 - Fetch data from the backend API using HTTP and present it as date-based tables, charts, and filters within the app.
- HKBP Application (Church)** Mei 2022
- HKBP is an application designed to facilitate church services and communication between HKBP church members. It provides information on worship schedules, church events, and spiritual messages.
 - Implemented the provided app UI design using the Flutter framework for the HKBP mobile app and fixed bugs on existing pages to ensure responsiveness across all devices.
 - Fetch data from the Bible API and YouTube Channel V3 using the DIO library and display it in the app.
- Distro 66 Website (E-Commerce)** Jun 2022
- Distro 66 is an E-Commerce platform that offers various fashion products and accessories. Users can browse and purchase fashion products easily through this website.
 - Utilize the ReactJS library to fetch a shopping API with Axios, implementing features such as multi-role user login and admin panel data management, including addition and deletion.
 - Establish a data store with React-Redux based on the retrieved API data.
- Travnur Website (Online Travel)** Des 2021
- Travnur is a platform that allows users to search, select, and book travel online. This includes airline tickets, hotels, vacation packages, and other travel services.
 - Implement the frontend design using HTML, Sass, JavaScript, and the Bootstrap framework.
 - Integrate MySQL as the database for data storage, with Laravel 8 serving as the backend.
- MU-ON Application (Online Music)** Des 2021
- MU-ON Application is a platform that allows users to listen to music online via the internet. It provides access to different types of music from various genres.
 - Collaboratively design using Figma, then slice the design with Flutter for podcast music, incorporating local data and fetching user login backend APIs.
 - Utilize native PHP as the backend API for user management.
- E-MON Website (Monitoring Products and Works of D4 Study Program)** Jun 2021
- E-MON Website is a platform used to monitor and track the products and works produced by students in the D4 program. This includes their assignments, projects, and creative output.
 - Design the web monitoring UI/UX with Whimsical and Figma, and then translate it into frontend code using

- HTML, CSS, JavaScript, and Bootstrap.
- Develop functions for product uploading, classification display, searching, and enhancing product details using native PHP 8 as the backend.

Filmi Website (Online Movie Streaming)

Jan 2021

- Filmi is a platform that allows users to watch movies online over the internet. It provides access to a wide range of movies of various genres.
- Translate the design into frontend code using HTML5, CSS Flexbox, and jQuery.
- Implement functions for administrators to add movies, enable movie search, and facilitate movie streaming on the website using native PHP 7.

Organizations

Surabaya State University Bureau Badminton

Mar 2020 – Feb 2022

- Become the Head of the Badminton Bureau of the Department of Informatics 2020.
- Representing the bureau to attend meetings between bureau heads and other meetings.
- Won the Badminton competition held by the Faculty of Engineering with the 2021 Bureau team.

SMAN 1 Nganjuk English Lecture Forum

Jul 2017 – Aug 2018

- Become the facilities and equipment unit of the ELF 2017.
- Monitor the procurement of goods and maintenance of facilities.

Certifications & Achievements

Certificate Of Full-Stack Flutter Developer: Build Hotels App, BuildWith Angga

Aug 2023

- Certificate of completion of a class completed with distinction and vigor.

Certificate Of Full-Stack Laravel Flutter 2021: Building E-Commerce and Chat Apps, BuildWith Angga

Aug 2023

- Certificate of completion of a class completed with distinction and vigor.

Certificate Of Appreciation Independent Study, PT. Stechoq Robotika Indonesia

Dec 2022

- Stechoq's certificate for being best mentee during independent study.

Certificate Of Achievement Independent Study, PT. Stechoq Robotika Indonesia

Dec 2022

- Stechoq's certificate successfully worked on a final project with excellent result.

Certificate Of Completion Independent Study, PT. Stechoq Robotika Indonesia

Nov 2022

- Stechoq's completion certificate indicates program fulfillment & necessary skills acquisition.

Certificate Of Completion Lead Computer Operator, Badan Nasional Sertifikasi Profesi

Sep 2022

- Certificate Lead Computer Operator, BNSP: Completion of computer training, system management, and operational skills.

Certificate Of Internship, PT. Hacktivate Teknologi Indonesia

Jul 2022

- Hacktiv8's Certificate of Internship recognizes completion of an internship program.

Certificate Of Web Development Fundamentals Course, Sololearn

Feb 2022

- Certificate successfully completed the course by demonstrating theoretical understanding.

Certificate Of Responsive Web Design Course, Sololearn

Feb 2022

- Certificate successfully completed the course by demonstrating theoretical understanding.

Certificate Of Full-Stack Website Developer, BuildWith Angga

Des 2021

- Certificate of completion of a class completed with distinction and vigor.

Certificate Of Complete UI Design: Visual Design, Prototype, Usability Test, BuildWith Angga

Des 2021

- Certificate of completion of a class completed with distinction and vigor.

Registered Copyright "E-Monitoring Product and Creation", e-HakCipta Kekayaan Intelektual

Sep 2021

- e-Copyright Intellectual Property certifies "E-Monitoring Product and Creation" website.

Registered Copyright "Game Bullet Bamboo", e-HakCipta Kekayaan Intelektual

Nov 2021

- e-Copyright Intellectual Property certifies "Game Bullet Bamboo".