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. Gift Asia Pasifik, Remote Contract Work   Surabaya, Indonesia
Mobile Application Developer and Website Developer   Dec 2023 – Now

- Developing and maintaining existing projects, namely the Giftline application.
- Handling the mobile app using Flutter and the website using Laravel.
- Adding necessary features according to existing marketplaces with our own couriers.
- Ensuring task completion within the specified deadlines and working both individually and as part of a team through Git version control.

PT. Capio Teknologi Indonesia, Independent Campus Internship   Jakarta, Indonesia
Flutter Developer   Mar 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.

Education

Indosat Ooredoo Hutchison Digital Camp, IDCamp Program   Jakarta, Indonesia
Multi-Platform APP Developer, GPA: 5.00/5.00   Sep 2023 – Apr 2024

- Learn the basic concepts of layouting with widgets and running applications on mobile & web platforms.
- Learn the fundamental components of Flutter based on industry-used techniques ranging from state management, API, database, to testing.
- Learn Advanced Navigation, Media, Localization, Flutter Desktop, Animation, and Location.

Surabaya State University, Bachelor of Applied Computer   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 Program   Yogyakarta, Indonesia
Software Engineering, GPA: 87.50/100   Aug 2022 – Dec 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.

PT. Hacktivate Teknologi Indonesia, Independent Campus Internship   Jakarta, Indonesia
Front-end React Developer, GPA: 100/100   Feb 2022 – Apr 2022
- 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

Projects

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

Chairman of Badminton Bureau at Surabaya State University   Mar 2020 – Feb 2022
- Responsible for the overall management and management of the Badminton Bureau.
- Preside over board meetings and coordinate all activities of the organization.
- Promote active participation of bureau members in various activities while creating an inclusive and vibrant environment.

Badminton UKM at Surabaya State University   Aug 2019 – Mar 2020
- Members have the responsibility to participate regularly in SME training sessions to improve individual skills and strengthen the team.
- Members are expected to abide by the rules and ethics of the sport, play with sportsmanship, respect opponents, referees, and spectators, and maintain a professional attitude in every situation.

Certifications & Achievements

Certificate Of Multi-Platform App Developer Level Intermediate, IDCamp 2023   Mar 2024
- Certificate of successfully completed the IDCamp 2023 coding training.

Certificate Of Completion Junior Web Programmer, Badan Nasional Sertifikasi Profesi   Nov 2023
- Certificate Lead Computer Operator, BNSP: Completion of computer training, system management, and operational skills.

Certificate Of Flutter, PHP, MySQL: Build Money Record App, BuildWith Angga   Sep 2023
- Certificate of completion of a class completed with distinction and vigor.

Certificate Of Full-Stack Laravel Flutter: 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 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 Full-Stack Website Developer, 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.