

MOHAMMAD FADERIK 'IZZUL HAQ

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EDUCATION

Bachelor of Computer Science in Informatics Engineering

Institut Teknologi Sepuluh Nopember (ITS), Surabaya, Indonesia

Jun'19 - Sep'23

GPA 3.80/4.00

- **Coursework:** Mobile Device Programming, Web Programming, Framework-based Programming, Software Design, Software Project Management, Software Architecture, Human and Computer Interaction, Robotic, etc.

PROFESSIONAL EXPERIENCE

Full Stack Engineer

PT. Eastern Transglobal Remittance (onebrick.io) – Fintech Startup

Jan'26 - Present

(Remote) Jakarta, Indonesia

- Promoted to Full Stack Engineer Building multiple Fintech Backend API Microservices in Golang while maintaining Frontend infrastructure in React Typescript

Frontend Engineer

PT. Eastern Transglobal Remittance (onebrick.io) – Fintech Startup

Sep'23 – Dec'25

(Remote) Jakarta, Indonesia

- Joined as Frontend Engineer and actively working cross team with Product Manager, UI & UX Designer, Backend Engineer, and QA Engineer implementing Agile Development using Jira.
- Delivered timely on-call support in the fintech industry by swiftly identifying and resolving client-reported issues, ensuring platform reliability and regulatory compliance.
- Initiate and proposed development of cross platform Android & iOS mobile app for one of the newest company products for licensing process. Bootstrapping the project with latest tech stack with expo and React-Native.
- Develop company's performance landing page with optimal user experience achieving more than 90% *Lighthouse* average score using modern Frontend technology AstroJS.

Full Stack Engineer

Nayaka.ID – Software Agency

Sep'22 – Dec'23

(Remote) Sidoarjo, Indonesia

- Designed and launched a marketplace mobile application for a client, Digemari, on the Google Play Store within a 3-person squad. Implemented the mobile app using Flutter and managed the API with PHP Laravel to serve both mobile and web platforms.
- Managed to build Frontend web application using ReactJS for Pondok Pesantren internal application.
- Generated a prototype of an accounting web application using TypeScript and the full-stack Next.js framework, implementing 15+ core features such as ledger management, reporting, and authentication.

Programmer Intern

PT. PLN Nusantara Power (plnnusantarapower.co.id) – BUMN on power industries

Jan'22 - Jul'22

(Onsite) Surabaya, Indonesia

- Analyzed best technology as a replacement for obsolete company monitoring website with PHP Laravel Orchid and Camunda as workflow management.
- Joined team to build multiplatform mobile application (Android & iOS) as a portal gate to company internal application using React Native.
- Created website for administrator of mobile app system with PHP Laravel. Used for manage content inside mobile app and serving API to connect mobile app to the company's main API.

Robotics Programmer

IRIS ITS (iris.its.ac.id) – Campus Robotics Team

Sep'20 - Jul'22

(Onsite) Surabaya, Indonesia

- Led an 8-person team to develop software-related job including robot algorithm.
- Designed and produced web-based robot *base-station* with VueJS to monitor and control the robots for Online Indonesia Robotics Contest 2021 and led the team to gain most goals in competition.
- Improved container-based robot simulation with Gazebo and ROS on docker.

PROJECT EXPERIENCE

SIMS (Sistem Informasi Manajemen Sekolah)

Merah Putih Tech (merahputih.tech) – Full Stack Developer

Aug'25 - Present

Bekasi, Indonesia

- Produced web applications as part of a 3-person Frontend team using React and TypeScript, leveraging Ant Design System components to ensure consistency and scalability. In Parallel, working on Backend service in Golang building REST API making sure seamless communication between Frontend and Backend services.

- Developed and delivered a web application adopted by government agencies (Dinas), schools, teachers, students, and parents to manage and monitor school activities. Utilized by 64 schools, improving transparency in the education system.

Hospital Management System

Dec'25 - Present

RS. Restu Ibu Balikpapan – Full Stack PHP Developer

Balikpapan, Indonesia

- Maintained and supported a high-usage, user-facing application by resolving day-to-day issues, debugging defects, and implementing ongoing feature updates to improve stability and user experience.
- Collaborated closely with a cross-functional team of three engineers and a project manager to ensure smooth application performance, timely releases, and efficient resolution of production issues.

Dua Empat

Mar'23 - Present

Personal Project – Android Developer

Surabaya, Indonesia

- Launched board multiplayer game android application for 24 game and deployed it on Google Play Store.
- Innovated 24 game that can be played by multiple players, players given 4 random number and should find solution that produce number 24. Arranged game to be a poker-like game with point and leaderboard to make it competitive.

BJS Internal App

Nov'24 - July'25

Onanmedia – Frontend Developer

Surabaya, Indonesia

- Built an ERP-style web dashboard for internal users using Next.js as the modern frontend framework, integrated with RESTful API services to support core business workflows.

Waqfin

Jul'22 - Sep'22

Freelance Client – Android Developer

Surabaya, Indonesia

- Transformed client figma-designed Android application in 2-person team as a frontend developer using React Native and Laravel as simple API management server. Enabled users to donate waqaf with mobile Android app in a form of user interface flow.

Computer Based Test Application

Jan'22 - Oct'22

Badan Kepegawaian Daerah Jawa Timur – Full Stack Developer

Surabaya, Indonesia

- Build web application in 3-person team using PHP Laravel and Tailwind CSS.
- Organized and implemented a Moodle-like assessment management that allowed users from Badan Kepegawaian Daerah Jawa Timur to take the psychological test on the web.

I-Finger

Sep'22 - Jul'23

Laboratorium MCI ITS – Android and Embedded Developer

Surabaya, Indonesia

- Engineered a mobile application enabling seamless communication with a glucose meter's microcontroller via Bluetooth, resulting in 1.75Mb/s transfer rate.
- Part of Professor research project with 5-person team that developed an Android application using Java and XML, integrated with a microcontroller built with C++ on the Arduino IDE.

AWARDS AND HONORS

- Delegated as IRIS Team on RoboCup 2022 Middle Size League; Annually International Wheeled Soccer Robot Competition in Bangkok, Thailand and Achieved 3rd place on RoboCup 2022 MSL category.
- Awarded 1st place on Onsite Indonesia Robotics Contest 2022, Wheeled Soccer Robot division.

SKILLS

- **Mobile Development** (Java, Flutter, React-Native, Expo, Ionic, CapacitorJS)
- **Website Development** (HTML, CSS, JavaScript, TypeScript, ReactJS, NextJS, VueJS, AstroJS, PHP, Laravel, ElectronJS, Web Socket, REST API)
- **UI Framework** (MUI, Ant Design, Tailwind, Shadcn)
- **Database** (MySQL, SQLite, PostgreSQL)
- **Project Management Tools** (Jira, Trello, Figma, Notion, GitHub, GitLab)