

THARIQ AGFI HERMAWAN

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Undergraduate Student which focused in Informatics Engineering at Sepuluh Nopember Institute of Technology. Highly interested in IT Infrastructure, iOS Development, Design Pattern, and Software Engineering with several projects and certifications.

Work Experiences

Bank Syariah Indonesia - Surabaya, Indonesia

Apr 2025 - Present

Backend Developer

Bank Syariah Indonesia (BSI) is the largest Islamic bank in Indonesia, providing Syariah-based financial services to support inclusive and sustainable national economic growth.

- Developed a C-Level decision dashboard handling ±4 million records using Laravel within a 1-month deadline
- Collaborated using Agile methodology and tools like Git, GitHub, MySQL, and Postman

ITS Online - Surabaya, Indonesia

Oct 2021 - Present

Journalist

ITS Online, part of ITS Media Center, is an News Media from Sepuluh Nopember Institute of Technology

- Managed monthly production of news articles, curated features, and designed magazine news.

Apple Developer Academy - Jakarta, Indonesia

Mar 2024 - Dec 2024

iOS Developer

Apple Developer Academy @BINUS is Asia's first-ever initiative to empower Indonesia's economy by creating world-class developers for the world's most innovative and vibrant app ecosystem.

- Successfully delivered 7 iOS applications from scratch, taking on the role of tech lead for 4 projects and project manager for the final project, utilizing Scrum and Agile methodologies.
- Identified and solved problems using the Challenge-Based Learning (CBL) framework, progressing from ideation to achieving problem-solution fit.
- Proficient in using development tools such as Git, GitHub, JIRA, Trello, Figma, and Xcode, along with creative techniques like wireframing and Crazy8 for rapid ideation.
- Gained extensive expertise in iOS, watchOS, and iPadOS development using Swift, SwiftUI, and UIKit, as well as frameworks including WeatherKit, MapKit, Core Location, SwiftData, CloudKit, Core Motion, HealthKit, and Sign in with Apple.
- Applied Clean Architecture, MVVM design patterns, and SOLID principles to build scalable and maintainable solutions.
- Skilled in project management, research and development, and UI/UX design, leveraging tools like Figma, JIRA, Trello, and GitHub for effective collaboration and delivery.
- Successfully launched 5 apps on TestFlight and the App Store, achieving over 60+ downloads while ensuring high performance and user satisfaction.

Connect X - Surabaya, Indonesia

Jun 2023 - Feb 2024

Full Stack Developer

- Developed and maintained 3 scalable web applications using Go, TypeScript, PostgreSQL, and Docker, implementing cloud solutions for scalability and security, testing with Postman API, optimizing databases with GORM, designing APIs for seamless communication, and managing infrastructure with Nginx. Skills include Gin, Bash, Git, Agile Project Management, Figma, HTML, and TypeScript.

Schematics - Surabaya, Indonesia

May 2022 - Oct 2023

FrontEnd Developer

Schematics is one of the largest events organized by the Computer Science students at the Institut Teknologi Sepuluh Nopember (ITS)

- Collaborated with cross-functional teams to define, design, and implement new features, utilizing modular programming and clean architecture principles to develop scalable and maintainable code, while closely working with UI/UX and backend developers to ensure the technical feasibility of design specifications. Employed skills in Node.js, Git, GitHub, TypeScript, Next.js, and Tailwind CSS

Dinas Pendidikan Kota Surabaya - Surabaya, Indonesia

Mar 2023 - Jun 2023

Frontend Engineer

PPDB Surabaya is a website for elementary student registration in Surabaya

- Collaborate with cross-functional teams to define and ship new features with clean architecture principles for scalable and maintainable code.
- Skills: Node.js, Redux, React.js, TypeScript, Tailwind CSS

ITS EXPO - Surabaya, Indonesia

Dec 2022 - Jun 2023

Deputy Head of Web Development

- Provide visionary leadership for web development projects aligned with organizational goals, building and leading a high-performing team, ensuring adherence to best practices and industry standards, successfully delivering projects on time and exceeding client

expectations, and fostering collaboration across cross-functional teams, while supporting and mentoring team members for professional growth. Utilized skills in Git, GitHub, TypeScript, Agile Project Management, Next.js, Tailwind CSS.

Ini Lho ITS - Surabaya, Indonesia

Oct 2022 - Feb 2023

DevOps Staff

- Managed developers' bug resolution, reviewed code commits, and implemented GitHub-Discord Bot integration, demonstrating proficiency in Nginx and Parallel Multithreaded Machine (PM2)

MABACUP - Surabaya Indonesia

Jul 2022 - Dec 2022

Head of Web Development

Maba Cup is an annual event organized by the Event Department of the ITS Talent Interest Institute

- Lead a successful web development team by providing guidance, implementing strategic plans, collaborating with cross-functional teams, and effectively managing project timelines, budgets, and resources for on-time and within-scope project completion

Institut Teknologi Sepuluh Nopember - Surabaya, Indonesia

Jun 2022 - Sep 2022

Public Relation

ELECTICS ITS Faculty comes with a vision to become a referral faculty in education and research in electrical, electronics, and computing-related fields with an international reputation and contribution to humanity.

- Develop and maintenance of the KRI 2022 website using WordPress

Mataram Partners - Jakarta, Indonesia

Apr 2022 - Aug 2022

IT Support Freelance

Mataram Partners is an Indonesian law firm specialising in foreign investor services in Indonesia.

- Provide timely and effective technical support to company staff, addressing IT-related issues, resolving hardware and software issues, setup and manage backup tasks using Synology NAS, and administer Microsoft 365 Services as SaaS for managing access permissions.

Education Level

Institut Teknologi Sepuluh Nopember - Surabaya, Indonesia

Jul 2021 - Jun 2025 (Expected)

Bachelor of Informatics Engineering, 3.67/4.00

- Awardee KSE 2022-2024 Scholarship
- Runner Up Software Development IS Competition 2022

Organisational Experience

KSE ITS - Surabaya, Indonesia

Sep 2022 - May 2024

Branding Staff

- Skills: Figma, Auto-layout, Design, Canva

ITS Online - Surabaya, Indonesia

Jun 2022 - Dec 2023

Branding Staff

- Skills: Figma, Auto-layout, Design, Canva

Mabit NF - Jakarta, Indonesia

Sep 2021 - Mar 2022

Branding Staff

- Skills: Figma, Adobe Photoshop

Skills, Achievements & Other Experience

- Modules Taken** (2021): Data Visualization using Python by Dicoding
- Modules Taken** (2021): Machine Learning using Python by Dicoding
- Modules Taken** (2023): Basic DevOps by Dicoding Indonesia
- Modules Taken** (2024): AWS Academy Cloud Foundations
- Modules Taken** (2025): CISCO Networking Academy - Introduction into Cybersecurity