

MICHAEL SETIABUDI

Fullstack Developer

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SUMMARY

Recent Informatics graduate from iSTTS. Completed a six-month internship as a fullstack developer at Four Points by Sheraton Tunjungan Plaza (PT Pakuwon Jati), building two systems that are still running across three Marriott properties. Comfortable working on both backend and frontend using Flutter, NestJS, FastAPI, PHP, and React.js.

TECHNICAL SKILLS

Programming Languages: PHP, JavaScript, TypeScript, Dart, Kotlin, C#, Python, SQL

Frameworks and Libraries: NestJS, FastAPI, Flutter (BLoC, GoRouter), Laravel, React.js, Vue.js, Express.js, Tailwind CSS

Databases: MySQL, MongoDB

Tools and Others: Git, REST API, Keycloak SSO, Firebase Cloud Messaging, HTML, CSS

WORK EXPERIENCE

IT Intern (Fullstack Developer and IT Support)

Four Points by Sheraton Tunjungan Plaza, PT Pakuwon Jati | Surabaya | August 2025 - January 2026

- Built a TV Promotion CMS independently using FastAPI and Flutter to display content across around 20 to 30 screens in three Marriott properties.
- Added barcode-based meal logging to the employee canteen system using PHP, as a fullstack developer in a two-person team, replacing the manual paper-ticket process and simplifying data recaps for HR.
- Handled IT support for hotel guests and staff, and coordinated with the IT Manager on system requirements and progress.

PROJECTS

Multiplatform Student Information System Reengineering

Final Project | Institut Sains dan Teknologi Terpadu Surabaya | 2025 - 2026

- Rebuilt the iSTTS Student Information System from a monolithic Laravel application into a multiplatform system with a Flutter frontend and NestJS backend, working with one collaborator.
- Designed and built 284 REST API endpoints across 45 modules on top of three MySQL databases.
- Integrated Keycloak SSO for authentication and Firebase Cloud Messaging for push notifications.
- Tested the system through 34 black-box scenarios and a usability survey of 276 respondents.

My Coral, Android Application

Mobile Device Programming Project | May 2025 - July 2025

- Developed an Android application in Kotlin for coral reef conservation, where users can purchase and register coral seedlings to be planted.

Macanan AI, Web-Based Board Game

Artificial Intelligence Project | September 2024 - March 2025

- Developed the traditional Macanan board game on the web with React.js, featuring a computer opponent that can play against a human player.

EDUCATION

Bachelor's Degree in Informatics

Institut Sains dan Teknologi Terpadu Surabaya (iSTTS), Surabaya | GPA 3.54 / 4.00 | June 2022 - July 2026

CERTIFICATIONS

HackerRank Skills Certification

SQL Basic, SQL Intermediate, SQL Advanced, REST API Intermediate, Frontend Developer (React) | 2025

Full certificate portfolio: drive.google.com/drive/folders/141O-UNPU5In-Ds2pPgWjW4zAcPdJNKTM

ORGANIZATIONAL EXPERIENCE

Sound and Equipment Coordinator

iSTTS For Jesus (IFJ), iSTTS student unit | February 2023 - February 2025

- Led a team of four to prepare the sound system, band instruments, and event equipment for weekly services and the annual retreat.