

# MAULANA FARRAS

## PROGRAMMER

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## SUMMARY

Software Engineering student with hands-on experience in full-stack and backend development using Laravel, Ionic, Java, and C#. Experienced in building web and desktop applications, managing databases, and collaborating through GitHub. Developed multiple academic and internship-based projects including transaction systems and task management applications. Strong foundation in application architecture, API integration, and database design.

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## EXPERIENCE

Eduwork - Yogyakarta, Indonesia

May - September 2025

*Programmer - Internship (Online)*

- Developed and maintained web applications using Laravel and PHP
- Improved UI layout and optimized backend database structure
- Contributed to Social Vit Admin website improvements
- Collaborated using GitHub for version control

Institut Teknologi dan Bisnis Indonesia - Binjai, North Sumatera

Nov 2024 - Feb 2025

*Mobile Programming (Permo App) - Seasonal (Onsite)*

- Built mobile application using Ionic Framework (Node.js, JavaScript, HTML/CSS)
- Implemented real-time temperature data integration
- Developed crop recommendation feature based on environmental data
- Designed agricultural vocabulary search functionality

Telkom University - Bandung, Indonesia

Feb - Jun 2024

*Student Exchange batch 4 - Seasonal (Onsite)*

- Developed Todolist application using Java (NetBeans) with JDBC integration
- Built ApliKasir desktop application using C# (Visual Studio)
- Implemented backend logic for transaction processing and UI editing features
- Gained experience in system security, database integration, and Linux/Xinu environment

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## EDUCATION

Institut Teknologi dan Bisnis Indonesia (ITBI)

Aug 2022 - Now

*Bachelor's degree of Software Engineering*

GPA: 3.82/4.00

- Awardee student exchange batch 4 by Kampus Merdeka program 2024

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## PROJECT EXPERIENCE

Upscale Project – Laravel (Internship at Eduwork)

- Developed web application using Laravel and PHP
- Implemented backend logic and database integration

Todolist Application – Java

- Built desktop application using Java (NetBeans)
- Applied JDBC for database connectivity

ApliKasir – C#

- Developed transaction-based desktop application using C# (Visual Studio)
- Implemented UI editing feature and backend transaction processing

Permo App – Ionic Framework

- Developed mobile application using Ionic, Node.js, and JavaScript
- Integrated crop recommendation logic based on environmental data

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## **TECHNICAL SKILLS**

- Programming Languages : C#, Java, JavaScript, PHP
  - Frameworks & Libraries : Laravel, Ionic Framework, Angular, Node.js
  - Backend & Concepts : REST API, MVC Architecture, Object-Oriented Programming (OOP), CRUD Operations
  - Database : MySQL, Firebase, JDBC
  - Tools & Platforms : Git, GitHub, Visual Studio, NetBeans, Visual Studio Code, Vercel
  - Other Technologies : HTML5, CSS3, JSON, Tailwind
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## **LANGUAGE**

- Indonesia : Proficient
- English : Intermediate (EF SET : 67)