



**TU-CODE**

— ACADEMY —

Learn | Build | Earn

# FULL-STACK DEVELOPER COURSE

POWERED BY:



**NITA/TRN/2821**

# BACK-END WEB DEVELOPER COURSE

## Introduction

Learn from the Architects of Innovation. Tu-Code Academy, the training arm of Ryantech Solutions, equips you with the skills to build powerful, secure, and scalable back-end systems. This course goes beyond basic programming because you will learn how to design server-side logic, manage databases, and build APIs that power real-world applications such as dashboards, reporting tools, and enterprise business platforms.

### Why Choose This Course?

- Learn front-end and back-end development
- Build real-world applications
- Use industry-standard tools
- Get mentorship from experts
- Create a strong project portfolios

### What You Will Learn:

- Front-end development (HTML, CSS, JavaScript)
- Back-end logic & APIs (PHP)
- Database design & management (MySQL)
- Authentication & web security systems
- Full-stack integration & deployment (React + PHP + Hosting Basics)

## Tools & Technologies

HTML | CSS | JavaScript | Bootstrap/Tailwind |  
React | PHP | MySQL | SQL | REST APIs | Git &  
GitHub | Apache/XAMPP (Python: Django |  
PostgreSQL)

## What you become

You won't just learn syntax. You will build a modern React frontend that communicates via API with a robust PHP backend and MySQL database. By the end, you will have deployed a live Capstone project.

## Who Should Enroll?

Aspiring Full Stack Software Developers



### OUTCOME

- Build full web applications
- Develop APIs & databases
- Integrate front-end and back-end
- Work in real development teams



### DURATION

120 Hours (3Hrs/Day) Total: 3 Months  
Flexible learning with structured guidance



### MONETIZE

Graduate with an application you can demo, code you can defend, and experience you can sell.

## What Are The Requirements To Join?



Must own a laptop & have basic computer knowledge



Proficiency in spoken and written English



Form IV graduate and above



Internet connection access



Flexible Payment Structure:



### What Our Graduates Say:

Tu-Code Academy was a great experience. The Full Stack training by Ryantech Solutions developers was practical and hands-on. I gained real front-end and back-end skills through real projects.

**Millicent Kivuti M.**

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**Tu-Code Academy**