# Tala SAFA

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Github Profile: https://github.com/talasafa1606

## Experience

**Backend Engineering Trainee - InMind Backend Academy (Jan 2025 - Mar 2025)**
- Developed RESTful APIs using C# and .NET
- Utilized Docker for containerization
- Managed relational data with PostgreSQL

**Web Development Intern - Obsoft (Sept 2024 - Jan 2025)**
- Built and maintained web apps using Symfony (PHP) and ReactJS
- Ensured application responsiveness and high performance

**Web Development Intern - Goo Business (June 2022 - Sept 2022)**
- Designed and implemented responsive features for compatibility

**Programming Instructor - BrightChamps Academy (Jan 2024 - Feb 2024)**
- Taught OOP concepts including inheritance and polymorphism
- Simplified complex programming topics for young students

## Projects

**HR Admin Dashboard – OnRamp Training (Forward MENA)**     **React.js, Next.js, TypeScript**
- Built a role-based admin panel with user management and analytics

**E-Commerce Platform**     **Node.js, Express.js, MySQL**
- Developed a RESTful API for secure ordering and product management
- Created an admin panel with authentication and inventory control

**Restaurant Management System (RMS)**     **PHP, MySQL**
- Implemented menu, order, and staff management with OOP and validation

**Smart Environment Assistant Robot (IoT & AI Project)**     **Python, Raspberry Pi**
- Built a university robot assistant that uses AI to classify environmental conditions
- Integrated IoT sensors and actuators for real-time interaction

**Course Learning Platform**     **Flutter, Laravel, MySQL**
- Designed a mobile app for course browsing and learning with backend management

**Booking System**     **Laravel, HTML, CSS, MySQL**
- Developed a full-featured booking system with admin control and user scheduling
- Collaborated in a team using Git for version control and agile development practices

## Education

**University Antonine, Department of Computer and Communications Engineering**

*Bachelor of Software Engineering (Expected Graduation: June 2026)*
- Relevant Coursework: Data Structures, Algorithms, Object Oriented Programming, Web Programming, Software Design, Database Design, Database Programming.

## Skills

- Languages:Java, JavaScript, C++, C#, PHP
- Frontend Development:React, Next.js, JavaFX, HTML, CSS
- Backend Development: Node.js, Express.js, Symfony, Laravel, .NET, Spring Boot
- Databases & ORMs: MySQL, PostgreSQL, Oracle, MongoDB, Prisma, Doctrine
- Tools & Technologies:Git, Docker

## Leadership & Extracurricular Activities

**Chair – IEEE Student Branch, Antonine University**     *2024-Present*
- Lead and coordinate technical events, workshops, and networking sessions.
- Manage a team to organize student engagement activities and collaborations.