Abdalla Ahmed

Giza, Egypt | ☐ 01147465943

✉abdallaahmed.dev@gmail.com   in/abdalla-ahmed-89a370236/   ◯https://github.com/abdalla58

EXPERIENCE

Integration Engineer, Intern — Tech-hub   **August 2022 - November 2022**
- Learned integration by IBM App connect toolkit.
- Message queueing with WebSphere.
- IPN (Instant Payment Network) APIs with it.

Backend Software Engineer, Intern — Prismatecs   **July 2022– Nov 2022**
- Learned PHP and building a CMS
- Developed a Library system and News website using PHP native from scratch

EDUCATION

Bachelor's Degree in Computer Science — Cairo University (Cairo, Egypt)   **Sep 2019– July 2023**
- Overall GPA: 2.9/4.0
- Key Classes: Data Structures, Design and Analysis of Algorithms, Database, Operating Systems, Networks, Software Engineering, Data warehouse, Web Technology.

PROJECTS

Sanai3i website [Front-end, Back-end]:
- Sanai3i is a user-friendly website that connects individuals seeking skilled home services with qualified workers, facilitating tasks like painting, carpentry, and other hand-made services

Learning-System [HTML, CSS, JavaScript, PHP, MySQL]:
- Created class diagram, component diagram, sequence diagram & subsystem decomposition diagrams
- transportation system is a learning app that helps user to learn a programing concepts.

CRUD Operations [html, CSS, JavaScript, PHP, MySQL, Laravel]:
- Created rest API with Laravel for main models.

Transportation [Java]:
- Created class diagram, component diagram, sequence diagram & subsystem decomposition diagrams
- Transportation system is a ride-sharing app that helps user to connect a driver with a rider. They can negotiate price and meet at a specific location
- Development was divided over the period of 2 sprints. First sprint for core logic and second for REST API interface.

Blog website backend with Laravel API
- This project is a backend API for a blog website built with Laravel, providing robust features for content management and user interaction. It offers endpoints for CRUD operations on posts and user authentication, facilitating a seamless blogging experience.

News Website by CMS [HTML, CSS, JavaScript, plugins, PHP, MySQL]:
- News app is a site for publishing articles and dividing them into categories from which the user chooses what he wants to read.

IPN
- This project is an Instant Payment Network implementation that includes all the functionalities users need to manage their money, bank accounts, and e-wallets.

FTP-in-java
- This project implements an FTP client in Java, allowing users to connect to FTP servers for file transfer operations. It supports basic functionalities like uploading, downloading, and listing files, making it a useful tool for managing remote files.

SKILLS

Technical Skills:

- **Programming Languages & Concepts**:
    - Java, C++, Python, PHP
    - Object-Oriented Programming (OOP), Design Patterns, SOLID Principles
- **Frameworks**: Laravel
- **Database & Data Warehousing**:
    - Knowledge of database design and data warehousing principles and writing SQL queries: MySQL, SQL management server
- **Software Integration:**
    - API Integration using IBM App Connect Toolkit
    - Message Queueing with WebSphere

CERTIFICATIONS

Integration
Tech-Hub Company • 2022
• completed internship as a integration engineer and worked on "Instant Payment Network Implementation" internal project

PHP
Prismatecs • 2022
• Completed two-month online internship as a junior backend developer