

Elsayed Kamal

Laravel Developer

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LANGUAGES

Arabic

English

Native

Proficient



SKILLS

Laravel

Git & GitHub



API Development

Web Scraping



MySQL

Docker



I am a Senior Laravel Developer with a strong background in backend development, innovative problem-solving skills, and a passion for learning new technologies. My expertise in translating business requirements into measurable results, combined with my commitment to delivering high-quality software, sets me apart in the dynamic tech industry.

EDUCATION

faculty of computer and information science mansoura university (2017-08-01 - 2021-12-03)

A-, Bioinformatics

3.12

Obtained a Bachelor's degree in Bioinformatics and Genetics with Computer Science. The course provided proficiency in advanced computational methods, data analytics, and machine learning, enhancing the ability to tackle complex biological data challenges.

PROJECTS

Courses System

Admin Dashboard | Bisha, SA

Designed and developed a Course System for a Saudi educational administration to facilitate students' skill acquisition through Laravel Filament Dashboard-integrated courses with enrollment caps, catering to various user roles for schools across specific saudi zones. The system streamlined registration, administration, and teaching, ensuring effective learning outcomes.

Afeela : Food Delivery System

Api Project | Digital Roots

Developed an integrated Food Delivery service that allows users to order food and track delivery in real-time, utilizing microservice pattern for smooth operation.

Afeela : Vehicle Rental System

Api Project | Digital Roots

Crafted an intuitive Vehicle Rental System that provides users the convenience of renting vehicles as per requirement, supported by a robust back-end functionality.

Afeela : Car Ride Booking System

Api Project | Digital Roots

Designed an efficient Car Ride Booking System, facilitating users to request rides anytime alongside real-time tracking. This system served as a reliable conduit between riders and drivers.

Afeela : City-to-City Bus Service

Api Project

Pioneered a City-to-City Bus Service System, akin to the Car Ride Booking System, providing users with a convenient solution to book bus rides between cities.

Afeela : Road Assistance Service

Api Project | Digital Roots

Led the creation of a Road Assistance Service System, allowing users to request any service for their car, ensuring on-demand support from our drivers equipped with the requested service.

Afeela : Consumer

Api Project | Digital Roots

Successfully developed the main Consumer API Project that impeccably communicated and synchronized with all aforementioned services, establishing seamless service delivery and superior user experience.

INTERESTS

Laravel Api Development

API Gateway Design & Workflow Management

Laravel Cache and Redis Implementations
cache, vscode, ray, nodejs

Web Scraping

auth, google recaptcha, ajax

Reverse Engineering

apk, ios, android, java

Movie API Development through Reverse Engineering

Loklok, faselhd, akwam, MovieBox, Netflix, tmdb

Building VS Code Extensions

api, express js, mailhog, laravel ray, freelancer.com

Crafting iOS Shortcuts for Server Communication and Automation

faselhd, netflix, smart tv, auth

Hacking & System Intrusion Prevention

mitmproxy, reverse engineering, cracking

PROJECTS

Auction

Web Scraping & Web View | Cloudvests

Initiated and developed an Auction System that efficiently scraped auctions from multiple Korean websites at specified times daily. This innovative system was designed to store data locally after translating to English, enhancing user convenience. Leveraged Lumen to accomplish the complex scraping task, and Laravel for developing the filter web-view part. The system supports extensive filter options such as make, model, fuel, price, etc., simplifying auction search and selection for users.

Auction & Bidding System

Api Project | Digital Roots

Developed an engaging Auction & Bidding System, enabling sellers to initiate auctions for their added vehicles and facilitating buyers to bid on any auction. This comprehensive system was geared for efficient interactions between buyers and sellers. Utilized a React-based web application, orchestrated a seamless API integration to ensure the optimal operational workflow of the system.

JumpersKSA

Refactoring | SA Company

Played a pivotal role in refining the JumpersKSA project by performing substantial codebase refactoring for performance optimization, adding a group chat feature to the Chatify web app, and troubleshooting API exceptions. Leveraged my investigative approach to understand the complex codebase which led to identifying and patching the API exceptions, thereby strengthening the system's stability and reliability.

↪ jumpersksa.com

Albursa

Web Dashboard & Site | Turkish company

Developed "Albursa", a specialized real-estate and construction platform for a Turkish company, simplifying the process of locating and connecting with service providers. Created an interactive and user-friendly environment for clients and service providers to interact, facilitating a smoother business interaction in the construction and real estate sectors. The platform has been applauded for its efficiency and ease of use, significantly contributing to the company's growth in the sector.

↪ albursa.com

WORK EXPERIENCE

Erada

(2019-08-15 - 2020-05-31)

Junior Laravel Developer

As a junior Laravel developer at Erada, I learned how to build and manage web applications using the Laravel framework. This included understanding the Request Life-cycle, routing, middleware, security, and the MVC pattern. I also honed my skills in PHP, JavaScript, SQL, and HTML/CSS. I gained experience in creating and consuming REST APIs, database design, and implementing data migrations and seeders. Furthermore, I learned about testing, debugging, and deploying applications. The team-oriented environment enabled me to improve my communication and problem-solving skills.

Cloudvests

(2021-05-01 - 2021-10-31)

Laravel Developer

At CloudVests, I furthered my Laravel and Lumen knowledge by working on a complex project that involved scraping Korean auction websites. My responsibilities included creating advanced filters to sort auction results and employing Google Translate to interpret the scraped Korean data. The comparison of translated data with database seeds was a lengthy process, but I effectively handled it. This project enhanced skills such as web scraping, working with APIs, and managing multilingual data. Additionally, it provided me with a deeper understanding of how to handle large amounts of data, and improve system efficiency and performance.

↪ <https://cloudvests.com/>

Military Service

(2021-07-15 - 2021-11-16)

Laravel Developer Soldier 😊

During my military service, I worked on a challenging project where I had to develop a system over an existing one but with a different database than MySQL. Despite the difficulties posed by adapting to a different database and continuing with the old design, I successfully built a new dashboard and implemented various filters. This task greatly enhanced my adaptability and understanding of various database systems, as well as honing my skills in designing user-friendly dashboards and effective data filters.

Jumpers KSA

(2022-12-29 - 2023-02-16)

Laravel Developer

At a Saudi company, I embarked on a two-month freelance project where I was given multiple responsibilities. These included fixing and refactoring parts of a Laravel codebase, implementing a group chat feature for a web application, originally powered by Chatify Laravel package for single chat only, and addressing wallet functionality issues. This task challenged me to flexibly adapt and resolve multifaceted tech issues, thereby enhancing my skills in debugging, refactoring and feature augmentation in Laravel development.

↪ <https://jumpersksa.com/>

Digital Roots GTC

(2023-03-01 - 2023-07-31)

Senior Laravel Developer

In the role of Senior Laravel Developer at Digital-Roots-GTC, I had the privilege to work on a groundbreaking project that allowed me to dive deep into microservices architecture, revolutionizing our approach to application development. Each piece of our large-scale application was carefully crafted into a standalone Laravel service, not just an application but a cog in a well-oiled machine, each one serving its unique purpose. My masterpiece was the creation of an intuitive API gateway, bridging the gap between these disparate services, facilitating seamless communication in an intricate web of technologies. This enthralling experience marked a transformation in my Laravel journey, exploring new systemic depths, and scaling previously uncharted heights in web application design and management.

↪ <https://www.linkedin.com/company/digital-roots-gtc/mycompany/>

Xtreaming

Straming Platform

Developed "Xtreaming", a comprehensive streaming platform based on TMDB, employing extensive web scraping techniques. The system uses the Filament dashboard for admin functionalities and allows searching for movies or series and adding them from the TMDB API to the local database. With more than 10 providers integrated, each one has a tailor-made provider class for searching and retrieving watch & download links along with tracks or subtitles. These are directly saved locally and in the database. This large-scale project underscored my proficiency in web scraping, API integrations, and developing complex service provider structures within a comprehensive platform.

⇒ github.com/elsayed85/xtreaming

Hospital Management System

Initiated an open-source project to develop a holistic Hospital Management System. Although not completed yet, the project utilizes the Laravel modular pattern, making the system modular and highly scalable. It's designed to support a multi-tenant architecture enabling multiple departments or branches within a hospital to use the system concurrently. Additionally, the system supports diverse roles and permissions, ensuring a controlled and secure environment. Although unfinished, this project underlines my sight of designing secure, scalable, and structured web solutions.

⇒ github.com/elsayed85/hospital

Netflix

Netflix Smart TV Authentication

Developed an open-source project that automates Netflix authentication for Smart TVs using an iPhone. The solution stores Netflix account cookies in a database, logs in via an API, and directs the user to authenticate the TV. The process was simplified via an iOS shortcut, providing a smooth user experience.

⇒ github.com/elsayed85/netflix_auth

Social API System

Constructed an API system to execute critical functions like Follow, Block, Two-Factor Authentication (2FA), and various types of Auth in a social networking scenario. The project showcases prowess in creating robust APIs with a firm focus on user security.

ShowBox Pro

Api | Package

Through this project, gained a deep understanding of how to secure and hide API content using CryptoJS. The original code, which was written in Java, was adeptly converted to PHP, demonstrating my proficiency in multiple languages and my ability to translate codebase effectively. This package serves as a useful tool for accessing media metadata, enhancing the functionality of media-oriented applications.

⇒ github.com/elsayed85/lara-showbox

FaselHd

Api | Package

Faselhd Api methods for movies & series

⇒ github.com/elsayed85/lara-faselhd

Notion API Integration

Establish communication with Notion APIs, streamlining data interaction between the platform and users. This project demonstrated proficiency in interfacing with third-party APIs to enhance overall system functionality.

⇒ github.com/elsayed85/notion

REVERSE ENGINEERING PROJECTS

Laravel Ray

Debug with Ray to fix problems faster

Expertly utilized reverse engineering to decrypt the Laravel Ray AppImage. Through systematic disassembly, debugging, and bytecode interpretation, successfully reverse-engineered the product to its foundational JavaScript source code. This project underlines competencies in rigorous software analysis, decryption, and reengineering for optimizing software performance and functionality.

↔ github.com/elsayed85/ray_electron

365scores

online live sports scores updates.

↔ github.com/elsayed85/365scores

MovieBox Pro

Streaming Platform

↔ github.com/elsayed85/movie_box

GENERAL HACKS

Nafham - نفهم

Security

Discovered and leveraged an endpoint on the Laravel-based Nafaham platform to extract extensive user data. Additionally, designed a command to successfully pull all video IDs from every lesson, demonstrating a shrewd exploitation of existing resources for comprehensive data gathering.

↔ www.nafham.com

VS CODE EXTENSIONS

Laravel Ray

Laravel Debug Tool

The extension initializes a local server with express.js as soon as VS Code is opened. A webview built using Vue.js contributes to this process, listening to incoming events from VS code and displaying them efficiently. This enhances programmer productivity within the Laravel ecosystem by providing real-time event updates directly within the VS code editor.

↔ github.com/elsayed85/ray_vscode

MailHog

Mail Debug Tool

The extension works by listening to MailHog's websockets proxy through an express.js server, effectively capturing incoming emails. Further, it utilizes Vue.js to dynamically display these emails within VS Code, significantly improving productivity by enabling developers to monitor email activity seamlessly within their coding environment.

↔ github.com/elsayed85/mailhog_vscode

Freelancer.com Laravel Jobs

Freelancing & ChatGpt

Display Laravel jobs from Freelancer.com directly within VS Code. It leverages the official Freelancer APIs to fetch job postings, implements advanced filtration, and presents the listings as VS Code list items. One unique feature includes generating job proposals using GPT-3 with custom prompts, simplifying application processes for users. Additionally, it provides an option to open jobs directly in the browser, offering a smooth and interactive experience for Freelancer users.

↔ github.com/elsayed85/freelancer.com_vsocode