

Islam Samy

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As a software engineer, my expertise lies in developing sophisticated web applications utilizing Laravel and Vue.js, complemented by my solid foundation in DevOps practices. My proficiency in Laravel has empowered me to create scalable, maintainable, and high-performing web solutions.

Experience

12 OCT 2023 - CURRENT

Software Engineer/Skyloov - Dubai, UAE

Backend Developer specializing in PHP, Laravel and Lumen, contributing to a large-scale project alongside a Python team on a microservice-driven portal for real estate sales.

Explore At [skyloov](#)

Marketing Microservice:

Managed advertising campaigns within the application, including social media, SMS, and email campaigns. Additionally, facilitated advertising for agencies using the CRM through banners and portal features.

Analytics Microservice:

Developed an application tracking end-user movement to personalize recommendations efficiently. Managed a substantial hourly data influx, ensuring accurate and timely delivery while optimizing resource usage. Integrated social media metrics from Facebook, Google Ads, and TikTok for unified analytics.

CMS Microservice:

Created a dynamic CMS mirroring WordPress functionality—enabling instant creation of new pages, blogs, and tags. Streamlined the front-end development by assisting the team after completing tasks ahead of schedule.

Chat Microservice:

Spearheaded chat functionality using MongoDB for robust data management. Employed Pusher for real-time capabilities and Laravel with OpenSwoole to optimize concurrency.

1 DEC 2022 - 1 OCT 2023

Software Engineer/Blue Holding - Alexandria, Egypt

Proficient in Laravel and recently expanded skills to include Vue.js for both frontend and backend development.

Managed hosting and deployment responsibilities initially with Jolt UK's cPanel, later transitioned to AWS for project deployment.

Latest Projects:

Map-App: Discover Nearby Landmarks with Ease

Explore Map-app: [map-app](#)

Developed a comprehensive application aiding sales by locating nearby landmarks with details like ratings, addresses, and contact numbers.

Spearheaded the project from inception to unrestricted access, transitioning to restricted company access.

Nortech: Engaging Social Challenge Game

explore Nortech: [nortech](#)

Back-End Access: [nortech-back](#)

Backend development lead for an interactive game integrating diverse challenge levels and scoring mechanisms.

Managed CMS interface and deployment process for this engaging social entertainment tool.

Blue Holding Intranet: Exclusive Social Hub

Explore Blue Holding Intranet: [blueholding-intranet](#)

Backend Access: [blueholding-intra-back](#)

Built a company-tailored social media hub for internal communication, akin to LinkedIn.

Integrated real-time features using Redis and managed manager emails via AWS SES for efficient notifications.

AGS American Gulf School: Online Educational Platform

Explore AGS American Gulf School: [ags](#)

Backend Access CMS: [ags-cms](#)

Developed the official online platform for the American Gulf School, covering management, admissions, academic programs, and school life.

Ensured a seamless user experience by overseeing backend development, CMS crafting, and deployment.

1 JAN 2020 – 1 DEC 2022

FREELANCER/Fiverr, and Upwork - remote

Worked as a software engineer specializing in PHP Laravel for backend development and Vue.js for frontend while also possessing graphic design skills.

Engaged in temporary freelance work while pursuing studies.

Gigs:

[Fiverr Profile](#)

[Upwork Profile](#)

Latest Projects:

Poslix: Streamlined ERP for Diverse Point of Sales

explore Poslix: [poslix](#)

Access to Apis: [poslix-apis](#)

Developed backend and APIs for an ERP solution catering to various point-of-sale businesses.

Overcame challenges with an existing damaged database, successfully refining it for required mobile APIs.

Media-Share: Showcase Freelancers' Portfolios

explore Media-Share: [media-share](#)

Created a platform for freelancers to display their portfolios to potential clients.

Y-GYM: Gym Management Application

Watch Tutorial: [Tutorial](#)

Designed a comprehensive gym management application with a user-friendly dashboard for administrators and trainers.

Successfully implemented at a local network gym, with the tutorial link for local access requirements.

Education

1 JAN 2017 – 1 JUNE 2021

Bachelor of Computer and Informatics/ Kafr Elsheikh University - Kafr Elsheikh, Egypt

I was in the computer and information faculty, information technology department for academic learning, and computer science as self-learning.

Certifications

1 DEC 2022 – 1 MAR 2023

ADVANCED CLOUD DEVOPS CERTIFICATION/ FWD Egypt at Udacity

<https://graduation.udacity.com/confirm/9TGWADKZ>

It was a long journey in AWS started Dec 2022 - Mar 2023, I learned a lot of things such as Cloud Fundamentals, how to Deploy Infrastructure as Code (IAC) with AWS cloud formation and how to Build CI/CD Pipelines, Monitoring & Logging, and some of Foundations of Agile.

1 MAY 2021 – 1 JUL 2021

FRONTEND CERTIFICATION/ Information Technology Institute

It was such an enjoyable time, I learned a lot of front-end skills such as: the basics, of course, HTML, CSS, JavaScript, ES6, TypeScript and jQuery too, and some libraries like Bootstrap

Skills

- Experienced in [PHP](#) programming language and adhering to best practices, with strong skills in Object-Oriented Programming (OOP). I have previously utilized [Laravel](#) and [Lumen](#) frameworks extensively in development, recently, I have also acquired valuable skills in [Golang](#).
- Proficient in [caching](#) strategies for optimizing application performance using [File caching](#) or even [Redis caching](#)
- Skilled in implementing [real-time](#) features utilizing [Redis](#) for efficient data handling.
- High proficiency in various [queuing systems](#) for scalable and efficient data processing such as [Kafka](#).
- Expertise in indexing and searching using [Elasticsearch](#) and [Laravel Scout](#) for efficient and robust search functionality.
- I excel in handling [relational databases](#), particularly proficient with [MySQL](#) and [MSSQL](#) in recent projects, and of course, [SQLite](#).
- Strong skilled with [NoSQL](#) databases and their different structures such as [MongoDB](#), [Elasticsearch](#), and even basic knowledge of column-family stores such as [Apache Cassandra](#)
- Well-versed in [RESTful APIs](#) and possess extensive knowledge of [GraphQL](#).
- Highly proficient in [Docker](#), with a record of accomplishment of practical implementations.
- Recently acquired [DevOps](#) skills with [AWS cloud](#), including [Cloud Fundamentals](#) such as [static hosting](#) with [S3](#) and promotion with [CloudFront](#). I am familiar with [VPC](#) functionality and capable of creating private networks manually and using automation. Proficient in deploying Infrastructure as Code (IaC) with [AWS CloudFormation](#) and building [CI/CD](#) pipelines using [CircleCI](#) and [GitHub](#). Experienced in Monitoring & Logging with [Prometheus](#).
- Solid understanding of [Git essentials](#) and version control systems, including [GitHub](#) and [GitLab](#).
- Currently practicing and gaining expertise in [bash](#) scripting using [Linux](#).
- Proficient in front-end technologies, including [Vue.js](#), [JavaScript \(ES6\)](#), [jQuery](#), [Ajax](#), [HTML5](#), [CSS3](#), [Tailwindcss](#), [Bootstrap](#), and of course [SEO](#)

- Familiar with the foundations of [Agile](#) methodologies.
- Proficient in [SOLID principles](#) and [Design Patterns](#), having achieved exceptional grades in this field.
- Competent in [UI/UX](#) and [Graphic Design](#), which is also a personal hobby. Proficient in utilizing [Adobe Illustrator](#), [Adobe Photoshop](#), and [Adobe XD](#) to bring creative ideas to life.
- Possess excellent soft skills, including effective [communication](#), [teamwork](#), [leadership](#), and [critical thinking](#) abilities.