Mohamed Ashraf

Software Engineer | Backend Developer

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Education

Modern Academy For Computer Science and Information Technology
Bachelor of Science in Computer Science   Jul 2023

Technical Skills

Web Development

- PHP
- CI / CD
- SOLID Principle
- Design Pattern
- RESTfull & SOAP APIs
- HTML
- WordPress
- SQL / NoSQL
- Docker

- Laravel
- MVC
- Web Socket
- HTTP / HTTPS
- JavaScript
- CSS
- C / C# / C++ / Java / Python
- Web Servers (Apache / Nginx)

- Serverless
- CORS
- MySQL / MongoDB
- Agile & DevOps
- jQuery
- Git / Bash
- Tailwind CSS
- LEMP Stack

- Redis / Memcached
- ORM / ODM
- AMS / Azure / Google Cloud
- Npm / Yarn / Postman
- Ajax
- Bootstrap
- Data Structure
- LAMP Stack

Professional Experience

Software Engineer

GIG Insurance Company (Full Time)   Dec 2023 – Present

RESTfull API ·SOAP API · Bash / GitHub · Jira · Design Patterns · MVC · PHPUnit · MySQL ·
PHP · Laravel · Object-Oriented Programming (OOP) · Apache (Web Server) · CI / CD (jenkins) ·
Monolithic . Livewire . Windows Server .

Backend Developer

Webetr Company (Part Time)   Apr 2023 – Sep 2023

RESTfull API ·SOAP API · Bash / GitHub · Jira · Design Patterns · MVC · PHPUnit · MySQL · PHP · Laravel · Object-Oriented Programming (OOP) · Docker · Nginx (Web Server) · CI / CD (jenkins) · MicroServices (Payment Integration – Shipment Integration).

Full Stack Developer internship

itrax academy   September 2019 – 2022

HTML · CSS · Bootstrap · React.js · jQuery · AJAX · REST APIs · SQL · Bash · JavaScript · API · Design Patterns · mvc · PHPUnit · MySQL · PHP · Laravel · Object-Oriented Programming (OOP).

Software Engineer internship

ALX   February 2023 - Present

DevOps - Unix- Git & command line editors - Bash - Shell - C Programming Language - Python - Data structures and algorithms - HTML/CSS - SQL - MySQL - NoSQL- Redis - JavaScript - SSH - Web server - React - TypeScript - APIs - Unit Test.

Machine Learning internship

Huawei   July 2022 – 2022

Researched and evaluated various algorithms for image recognition using deep learning techniques. Developed a predictive model to analyze customer churn data and reduced customer attrition by 20%. Conducted experiments to optimize hyperparameters for a natural language processing application and achieved 90% accuracy in sentiment analysis. Implemented a decision tree algorithm for fraud detection in financial transactions, resulting in a 95% accuracy rate.

Secure Intelligence

Ericsson   Aprile 2023 – 2023

Secure intelligence - Secure model - Secure server when upload model on it - Techniques secure model - Techniques secure AI.

Projects

Micro System (Micro Insurance) :

Laravel App that create policies for customers by upload excel sheet includes on thousands customers to make policies and make policy for each customer . and more details is secret .

Calmaapp: https://calmaapp.com/ ||
https://play.google.com/store/apps/details?id=com.nadek.nadek.nadek

Flutter App to create realistic challenges by reserving virtual stadiums via live broadcast between users of a match between two clubs and live chat with live broadcast in all types of sports.

DB : MySQL and Firebase – API : RESTfull & SOAP – WebSocket Server Side : Pusher – Payment Integration : PayPal – Design Pattern : Repository – Webserver : Apache2 – Server : Shared Server .

Carty Store (PHP / Laravel) : https://cartyi.com/

Multi Tenant Ecommerce System as (salla.sa – bagisto)

SQL DB Multi Tenant : MySQL – Webserver : Nginx Alpine – APIs : RESTfull & SOAP – Redis – Cloud : Cloudflare – Tools : (Docker – CI / CD Jenkins) – Server : VPS – MicroServices (Payment Integration – Shipment Integration) .

Cars Store (CMS)(PHP Native):

Multi Language – Authentication (Admin - User) – Authorization – Multi Ui (Multi Themes) – Payment Methods – API – Realtime – Tested – MySQL Database.

Gabal News (Blog System)(PHP - Laravel):

Multi Language – Multi Authentication (Admin - User) – Authorization – Polices (Admin - User) – Translatable DB – CRUD – Dynamic Website – RESTfull API – Realtime Notifications (Livewire) – Realtime Chat (Livewire) – News API – MySQL DB .

Souq (Invoices System)(PHP - Laravel):

Multi Language – Multi Authentication (Admin - User) – Authorization – Polices (Admin - User) – Translatable DB – CRUD – RESTfull API – Realtime Notifications (Livewire) – Realtime Chat (Livewire) – Invoice (PDF - Excel) – Payment Methods – MySQL DB .

Plant Analyzer (Wheat Diseases Detection)(Python – Flask – Deep Learning - Flutter)(Graduation Project):

Plant Analyzer is The First Project Make Instance Segmentation By Using Yolov8 Model To Detect on Wheat Diseases :
Use CNN model by 22 Layer to Extract Features from Images .
Use Roboflow Tool to make annotation image and preprocessing dataset (wheat diseases)
Use flask framework to make connect CNN Model and make API to use in Mobile UI
Use flutter to make Mobile App to Deploy :
1- Predict Disease.
2- Show Information about this disease and how treatment.

Certifications

- API Crash Course: How to Create, Test, & Document your APIs
  Udemy

- The Complete Flutter Development
  Udemy

- Backend PHP & SQL
  Information Technology Institute (ITI)

- Network Security & Database Vulnerabilities
  IBM

- HUAWEI-AI-Machine Learning
  Ministry of Youth & Sports of Egypt And HUAWEI

- Internet of Things
  IBM

- Cybersecurity Compliance Framework & System Administration
  IBM

- Cybersecurity Roles, Processes & Operating System Security
  IBM

- IT Fundamentals for Cybersecurity Specialization
  IBM

- Introduction to Cybersecurity Tools & Cyber Attacks
  IBM

- Practical Cisco Networking Labs in Cisco Packet Tracer
  Cisco Networking Academy

- IT Technical Support Fundamentals
  Google