# EBRAHEM MOHAMED

**Full-Stack Web Software Engineer** with nearly **3 years of Professional Working experience** in PHP and **6 years of freelancing,** complemented by a strong foundation in **Laravel framework**.

Software Developer at **Connected Travel eXperience** (**CTX**), where I have been contributing since March 2024. In this role, I focus on developing and enhancing various aspects of our systems, bringing innovation to the travel industry.

I spent 2 months working **part-time** at **Arab Jet**, a B2B company, starting in January 2024. During this period, I dedicated my efforts to improving and expanding existing websites, achieving significant milestones such as optimizing **ERP systems**, enhancing the **travel agency interface**, and increasing efficiency in the **flight management system**.

Before joining CTX, I served as a **PHP Laravel Backend Developer** at **Lab Digital System**. My key accomplishment involved spearheading the modernization of a cloud-based version of an existing desktop application. In this role, I demonstrated my expertise in developing a scalable backend with a comprehensive understanding of database design, seamlessly managing over 170 tables. Over time, I took on progressive roles, including Backend Developer, **Head of Backend Department**, and **Team Leader Assistant.**

Experienced **Full-Stack Web Developer** at **Labib Group** for 1.7 years, creating and designing diverse web applications, e-commerce platforms, and desktop applications.

Proficient in various technologies, including PHP, Laravel, VB.net, communication, critical thinking, and collaboration skills. Adept at adapting to changing scenarios and demonstrating exceptional problem-solving abilities. Known for being a super-fast learner, and with a keen attention to detail.

Hold a **bachelor's degree in computer science & Statistics** with an overall grade of 'Good,' and a top ranked graduation project in the department with a score of 95%. Additionally, possess a **Web Development Diploma** from the **Official Embassy of Russia in Cairo** and completed advanced courses on platforms like Udemy,
Demonstrated commitment to continuous learning through participation in the **7th Space Weather Summer School** and being a Challenger in **NASA's Space Apps 4th and 6th Editions**. Successfully contributed to innovative projects, showcasing strong problem-solving abilities and a collaborative spirit.

## PHP SOFTWARE ENGINEER

## SOCIAL LINKS

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- i.mohamed.dev@gmail.com
- +20 1554727781
- Future City, Cairo, Egypt
- Ebrahem.dev
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## TECHNICAL SKILLS

### BACK-END Skills

- **PHP**
  - +8 Years
    - 6 Years Freelancing
    - Almost 3 Years Professional Experience
- **LARAVEL Framework**
  - +2 Years experience
- **VB.net - Desktop apps**
  - +10 "For Fun" Projects
- **MySQL**
  - +8 Years
- **ASP.NET C#**
  - Took a Diploma Only, No Experience.

### FRONT-END Skills
+6 years freelancing experience

- **HTML**
- **CSS**
- **JQUERY**
- **TAILWIND**
- **BOOTSTRAP**
- **JS**

# WORK EXPERIENCE

### Full-Stack Web Software Engineer
**Connected Travel Experience**
March 2024 to Present

As a PHP Web Developer at **CTX**, I am dedicated to crafting and maintaining dynamic web applications. My responsibilities include seamlessly integrating user-facing elements with server-side logic, writing efficient and reusable PHP code, and addressing complex performance issues. I collaborate closely with front-end developers to enhance user experience and contribute to the deployment of new features. Engaging in code reviews and maintaining high-quality standards, I actively communicate with cross-functional teams to identify and implement new features. Staying abreast of emerging technologies, I bring a proactive approach to continuously improving and evolving projects.

### Full-Stack Web Software Engineer - Part Time
**Arab Jet**
January 2024 to March 2024
(2 months)

my responsibilities include modifications, additions, optimizations to existing web platforms and integrating payment gateways seamlessly. I contribute to the ongoing development and improvement of web solutions, ensuring functionality and enhancements for established sites.

**Project Highlights:**
Improved overall functionality through modifications and optimizations.
1. **ERP System**
2. **Travel Agency System & Webiste**
3. **Flight Management System**

### PHP SOFTWARE ENGINEER
**Lab Digital System**
Healthcare Tech Company
March 2023 to January 2024
(11 months)

As the PHP Laravel Backend Developer at Lab Digital System (LIS), I played a pivotal role in the development of a cloud-based modern version of an existing desktop application. Working closely with a team of backend developer and guided by a team leader, we initiated the project by thoroughly studying the company's old desktop application. My responsibilities extended from planning and designing the database to the actual implementation phase. we aimed to build a scalable and modernized system. Referencing the old Oracle schema. This transition allowed us to seamlessly integrate more than 170 tables into the project.

Throughout the development process, I assumed the roles of Backend Developer, **Head of Backend Department**, and later **Team Leader Assistant**. In a short span, I managed the team for 10 days, overseeing their tasks and ensuring project milestones were met.

## Core Skills

- Project management
- Communication
- Critical thinking
- Collaboration
- Attention to detail
- Flexibility
- Search Master
- Super-Fast Learner

# WORK EXPERIENCE

**Full-Stack Web Developer**
**Labib Group**
Trading & Marketing Agency
September 2021 to March 2023
(1 years, 7 months)

- **Develop and Design Web Applications**
- **Apps that I have created there.**
  - boommeat.com
  - alalfy-cars.com
  - wassimjewelry.com
  - highwayoutdoor.com (Business Closed)
  - Forsa Forsa (Not Deployed yet)
  - Labib Group Landing
  - Offers Pictures
    - Desktop app | Preview Here

**Other Skills**

- **Exceptional Command Writer for Chat GPT**
- **Good Teaching Skills**
- Git
- Hosting Services C-panel
- Agile
- Software Engineering
- Visual Studio & VS Code
- Microsoft Office
- Intermediate English (Speaking)
- Vocalist (Got a couple of songs at **Spotify** & **Apple Music**)

# EDUCATION HISTORY

**Bachelor of Computer Science & Statistics**
**University of Helwan**
2021

- Overall Grade: Good.
- Graduation Project : 95% (1st department rank)

**Web Development Diploma**
**RCC -** Official Embassy of Russia in Cairo
2019
- Autodesk & Adobe Authorized Training center
- Certifcate :
  - ebrahem.dev/certificate/rcc-web-development-diploma

**Laravel 8 - Build Advance Ecommerce Project A-Z**
**Easy Learning** - Udemy
2021

- Learned in 2021, Certified in 2022
- Certificate id:
  UC-1c10403a-4d03-4c26-82cf-021dad26d906
- Certifcate : ebrahem.dev/certificate/laravel-8-bluild-advance-ecommerce-project-a-z

## Online Courses
**Online**
2012-2023

- **VB.NET**
  - Ahmed Al-Zaine
- **C#**
  - Khalid ESSAADANI
- **PHP**
  - Abdullah Eid
    - PHP101
    - PHP102
    - PHP Workshop
- **MySQL**
  - Abdullah Eid
    - MySQL101
- **Agile**
  - Nezam Academy
- **GIT**
  - ArabicBigData
- **REST API**
  - Envato Tuts+
- **Clean Code**
  - CodeBuster
- **SEO**
  - Moz moz (Udemy)
- **TailwindCSS**
  - Dary Nazar

# TRAINING HISTORY

**Software Developer** in **7th Space Weather Summer School (Ionosphere Group)**
2018
**Certified from**
- **Egyptian Meteorological Authority (nwp.gov.eg)**
- **World Meteorological Organization** Regional Training Center/Cairo
- **Egyptian Ministry of Civil Aviation**
- **Space Weather Monitoring Center** Helwan, Egypt

The Space Weather Summer School in Egypt admitted me during my second college year into the ionosphere subgroup. Our task was to measure GPS signal errors caused by solar winds impacting the ionosphere layer. Analyzing past solar wind records, I led the coding efforts using MATLAB. Collaborating with a colleague, Ahmed Karrar, we identified the need for better data collection from satellites and developed a Visual Basic .NET desktop application to automate the process. This innovative solution significantly improved efficiency. The experience provided a valuable opportunity to learn MATLAB, physics, and astronomy while fostering teamwork and expanding my professional network. I also authored a paper on our project, a rewarding challenge set by my mentor.

- Certifcate : ebrahem.dev/certificate/7th-space-weather-training

# ACTIVITIES HISTORY

## **Challenger** in **Nasa's Space Apps 4th Edition**
2018
**Certified from**
 - US Embassy Cairo

NASA's annual Global Hackathon is an innovation incubation and civic engagement program that brings together space enthusiasts from around the globe to develop creative solutions to current challenges. Participants are encouraged to use NASA data and promote education, with the ultimate goal of contributing to NASA's Earth Science Mission Directorate and the Open Government Initiative. The program is designed to promote transparency and collaboration, while connecting citizens to the work of the US government.

Our team was tasked with creating a unique way of displaying the upcoming events from NASA. We were provided with an API to access the events and used it to create a calendar app for desktop, written in C#. I was in charge of the development for this project, which was a great challenge and opportunity. The end result was a digital calendar.

- Certifcate : ebrahem.dev/certificate/nasa-space-apps-4th-6th-edition

## **Challenger** in **Nasa's Space Apps 6th Edition**
2020
**Certified from**
 - US Embassy Cairo

**Challenge Title:** **Can You Hear Me Now?**

Human missions to Mars are moving from the realm of science fiction to science fact. Your challenge is to design an interactive application to explore the challenge of communicating with astronauts on Mars from Earth.

This project aims to create an improved understanding of Mars by aggregating data from various sources and proposing an improved communication system. The data aggregation will result in a book, website, and mobile application. For the communication system, the project will focus on finding the optimal times for communication with Mars, as well as developing a new system with multiple telescopes for higher-quality photographs. The combination of these goals could revolutionize our understanding and communication with the red planet.

- Nasa's Team Link: X-Planet. - Space Apps Challenge | 2020

# MY
# PORTFOLIO

## Boom Meat
2021 | Labib Group
**E-Commerce Website**

**My Role:** Full Stack Web Developer
**PHP Back-End, Front-End, Database Design, API Creation**

Building an ecommerce website selling Angus meat in Egypt is a complex task, you need to build the front-end, back-end, and API for the mobile app while taking into consideration the user experience, back-end databases, and security/privacy standards.

- More Details:  ebrahem.dev/project/boom-meat

## Japta Landing Company Profile & Pest Control System
2022 | Japta (Freelance)
**Landing & Managment System Website**

**My Role:** Full Stack Web Developer
**PHP Back-End, Front-End, Database Design**

The Japta project involved two separate projects. The first project was developing a pest-control website for clients, administrators, and technicians. The client could view traps and associated statistics within their factory in the form of a map, and compare different traps and defense lines.
Administrators had the ability to create users, map out defense lines, and place traps on the map for tracking. Technicians were responsible for visiting the trap sites each week to scan the QR codes and update the status of the traps. In the event of any fixes, they would need to submit the details so that the data was available to the client.
The second project was the creation of a company profile page with an admin dashboard that allowed for edits to the landing page.

- More Details: ebrahem.dev/project/japta-pest-control-system
- ebrahem.dev/project/japta-landing-website

# MY PORTFOLIO

**Material Dental Store**
2022 | Freelance
**E-Commerce Website**

**My Role: Full Stack Web Developer**
**PHP Back-End, Front-End, Database Design, API Creation**

Dr. Mahmoud, from Material Dental Store Group, requested custom features for the website to meet the needs of dental students from universities. These included a Packaging System that contains hundreds of products for certain universities and grades, allowing users to customize the package to meet their needs. Additionally, there was a waiting list order for any orders that exceed the store's stock, so that the team can contact the user when the product arrives. This project was a great opportunity for learning and creativity.

- More Details: Ebrahem.dev/project/material-dental-store

**Travian Legends Official BOT System (Website & Desktop App)**
2020 | Naviart (business Closed) (Freelance)
**Licensed Desktop App with a website as a Dashboard & User Registration**

**My Role: Full Stack Developer**
**PHP Back-End, Front-End, Database Design, VB.NET Desktop app**

**Naviart's** Travian Legends is a private server of Travian, a popular browser-based MMORPG. The owner requested a licensed app tool to be developed, allowing players to manage their gameplay automatically. The app included features that allowed users to schedule building, training, and other tasks in the game. A website was launched to allow players to purchase licenses and choose packs of features. The app was also equipped with an auto-updater, so that any updates could be pushed to users upon release. Unfortunately, the business has now closed and the last update, which was a UI update and optimizations, was not released.

- More Details: Ebrahem.dev/project/naviarts-travian-legends

## My Full Portfolio
Www.Ebrahem.dev/projects