

# Mahmoud elzanklony

## (Senior Software Engineer)

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## Summary

Highly skilled Full Stack Developer and project manager with 6 years of experience specializing in front-end development using Vue, Nuxt, and API integration, as well as back-end development using PHP, Laravel, and MySQL. Possesses a strong understanding of web development principles, responsive design, and user experience. Demonstrates proficiency in creating efficient, scalable, and secure web applications. Proven track record in delivering high-quality projects on time and within budget. Notion website in collaborating with cross-functional teams and effectively communicating complex technical concepts to non-technical stakeholders. A passionate problem-solver who stays up-to-date with the latest industry trends and technologies. Strongly committed to continuous learning and professional growth

## Challenges

- Balancing front-end and back-end development requirements.
- Design and architect API with best practices , guidelines and with usage of design pattern
- Ensure the code secure and efficient and scable and develop clear and comprehensive API specifications, including endpoint definitions, request/response formats
- Monitoring and analytics solutions to track API usage, performance metrics, error rates
- Create prototypes or proof-of-concept implementations to validate API design decisions and demonstrate functionality to stakeholders.
- Integrating multiple APIs and ensuring smooth functionality.
- Optimizing performance and scalability of web applications.
- Managing complex databases and ensuring data integrity.
- Keeping up with rapidly evolving technologies and industry trends.
- Working within tight project deadlines and managing competing priorities.
- Collaborating with cross-functional teams and aligning different perspectives.
- Troubleshooting and debugging code to resolve technical issues.
- Adapting to changing project requirements and scope.
- Ensuring security measures and best practices are implemented.

# Main Skills

- Php
  - OOP
  - API arcitecture
  - Security
  - Design pattern
  - Laravel
  - Mysql
  - Oracle
- Analysis
  - multitask, prioritize tasks, and meet deadlines
  - Unit testing
  - DevOps
  - Linux commands
  - Complex problem solver
  - Notion , agile , clockify and other management tools
  - Documentation code

## Sample of my Projects

Name	<a href="#">wholesale.mkena.com</a>
Timing	01-02-2022 : 04-02-2023
activities	<ul style="list-style-type: none"><li>• Making database mysql</li><li>• Making Restful api</li><li>• Make documentation at post man</li><li>• Making unit test for api code</li><li>• Using design pattern and build a good architecture for system</li><li>• Functionalities of API are<ul style="list-style-type: none"><li>• Auth , authorization</li><li>• Reports</li><li>• Orders , bills</li><li>• Tracking shipment</li><li>• Transfer money</li><li>• Explore and search data</li><li>• Employees role and permissions</li><li>• Wallet charge</li><li>• Ads and offers</li><li>• Trade items</li><li>• Support and questions</li></ul></li></ul>
My role	Full stack ( back , front , api )
Client location	Arabia sudia
Name	<a href="#">pinkeep.io</a>
Timing	10-07-2023 : 25-02-2024
activities	<ul style="list-style-type: none"><li>• Making database mysql</li><li>• Making Restful api</li><li>• Make documentation at post man</li><li>• Making unit test for api code</li></ul>

	<ul style="list-style-type: none"> <li>• Using design pattern and build a good architecture for system</li> <li>• Upload at server and install project demands</li> <li>• Functionalities of API are <ul style="list-style-type: none"> <li>• Auth , authorization</li> <li>• Reports</li> <li>• Bookmarks module</li> <li>• Notes module</li> <li>• Network module</li> <li>• Work spaces module</li> <li>• Tags and discover</li> <li>• Cron jobs for uploading heavy data</li> <li>• Emails module</li> <li>• Snozed and trashed module</li> </ul> </li> </ul>
<b>My role</b>	( back , api )
<b>Client location</b>	Arabia sudia

<b>Name</b>	<a href="https://sync.boodaiddictionary.com">sync.boodaiddictionary.com</a>
<b>Timing</b>	01-03-2023 : 01-03-2024
<b>activities</b>	<ul style="list-style-type: none"> <li>• Making distributed database</li> <li>• Making Restful api dynamic for each database</li> <li>• Make documentation at post man</li> <li>• Making unit test for api code</li> <li>• Using design pattern</li> <li>• Master database control tenant databases with connect to external databases sql server , oracle , sqlite</li> <li>• Upload at server and install project demands</li> <li>• Functionalities of API are <ul style="list-style-type: none"> <li>• Auth , authorization</li> <li>• Reports</li> <li>• Statistics</li> <li>• Move data from one database to another with control of timing , processing and so one</li> <li>• Payment module</li> <li>• Packages</li> <li>• Wallet</li> <li>• Notifications , emails , sms</li> <li>• Cron jobs for transferring big data</li> <li>• Error handling</li> </ul> </li> </ul>
<b>My role</b>	( Analysis , ui , ux , front , database , back , api)
<b>Client location</b>	Egypt

## Graduation

Bachelor of Science: **Computer Information Systems** – 2019 with grade v.good (82%) and graduation project was excellent (98%)

**Faculty University, Zagazig**

## Experience

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### Front End Developer at caeera - 01/2015 to 05/2016

- Convert ui design to html , css , bootstrap.
- Make responsive design

### Full stack at King Saud University - 07/2016 to 05/2018

- Cooperate with students at graduation proejcts to create clean interfaces and simple, intuitiveinteractions and experiences proejcts.
- Give online lectures at front end

### Full stack at Saudi Ministry of Defense - 01/2019 to 01/2020

- Manufacture of military programs for the country
- Fixing codes for juniors and manage work of the team
- Focus on security and increase performance of websites

### Full stack at BueFree - 05/2019 to 01/2022

- Make crm systems , ecommerce websites , etc
- Make sitemap for google seo search
- Make api for flutter developers

### Front End Instructor at NTI - 02/2020 until now

- Give online lectures to students

### Full stack at Algorithma - 03/2022 until now

- Team lead for making ecommerce websites and other apps
- Make api for mobile applications
- support server if down and do always maintainece for it

## Languages

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**Arabic , English**