

Omar nazih

Fullstack Software Engineer

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Summary

A results-oriented, multidisciplinary Software Engineer with a long-standing passion for coding and building highly scalable systems.

Professional Experience

Full Stack Engineer, PixelSoft

08/2020 – present | 6th October, Egypt

- Boosted conversions by 50% with new landing page design and implementation.
- Optimized company framework by refactoring old parts with best practices.
- Revamped legacy system to modern web app while preserving critical features and user adaptability.
- Extracted valuable insights for clients with complex data queries.
Designed and implemented a new landing page, leveraging best practices to optimize performance, resulting in 50% increase in conversions and bringing new clients.
- Built user-friendly full-stack web app with Python, MySQL, Bootstrap, and JavaScript

Education

Bachelor degree of computer science, El shorouk academy

02/2016 – 08/2020 | Shorouk City, Egypt

Projects

Expected Credit Loss System, Tech Stack : Python, JavaScript, Flask, MySQL, AWS.

- As the sole developer, I designed and developed a complete system from scratch, handling both the front-end and back-end. This involved creating an intuitive and responsive user interface that seamlessly integrated with the backend components to deliver a seamless user experience.
- I leveraged my expertise in data analytics and visualization to create complex reports that provided valuable insights into the system's data. By identifying patterns and trends in the data, I was able to help decision-makers make informed decisions and drive business growth.
- To enhance the functionality of the system, I integrated it with external APIs that added new capabilities and streamlined processes. This integration helped to reduce the time and effort required to perform critical tasks while also improving the overall user experience.

Pixel Advanced Leasing Management System, Tech Stack: JavaScript, Oracle(PLSQL), Bootstrap, AWS.

- During my tenure at PixelSoft, I successfully enhanced the system's functionality and improved user experience by adding new features and updating existing ones. This led to streamlined processes and met the evolving needs of out clients.
- To assist both managers and employees in making crucial decisions, I created complex queries and reports that analyzed large volumes of data. The valuable insights gained from this data analysis helped to drive business growth and increase efficiency.
- To further enhance the system's functionality, I integrated it with external APIs, which added new capabilities and streamlined processes. This integration saved valuable time and effort required to perform critical tasks, ultimately improving the overall user experience.
- Additionally, I created multiple APIs that facilitated seamless data transfer between the leasing entity's system and external systems. This improved data sharing and eliminated the need for manual data entry, thus saving time and reducing errors.

Skills

Programming languages

Python and JavaScript

Backend technologies

Flask, NodeJS, Express.js

Cloud technologies

AWS

Databases

MySQL, ORACLE, MongoDB and Redis.

DevOps technologies

Docker and pm2

Other Skills and tech

Web Scraping, Tailwind CSS