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Work Experience

ILLA, Cairo Egypt, (Remote)

Feb 2024 – present

Senior Software Engineer – Illa Driver.

- The application for drivers aims to simplify the process of receiving delivery and operation requests for truck drivers.
- Led the successful modularization of a large-scale, multi-product application using the Packwerk gem, enhancing scalability, maintainability, and team productivity by segregating functionalities into clear, manageable modules.
- Engineered and integrated real-time notification systems using Firebase Cloud Messaging (FCM), enabling dynamic user engagement based on specific operational triggers and conditions.
- Stack: Ruby on Rails, Sidekiq, Redis, PostgreSQL.

AIT, United States (Remote)

July 2023 – Jan 2024

Senior Software Engineer - MatchAwards.

- Championed federal opportunities and contracts for businesses through the MatchAwards platform.
- Implemented and enhanced various features for the MatchAwards platform, including notifications, dashboards, user authentication, and email templates.
- Refactored and optimized main services, leading to a 30% improvement in performance.
- Integrated third-party platforms like LinkedIn, Google, and Facebook, expanding the platform's reach and accessibility.
- Developed and implemented new features, including communication systems, content management systems, and customization options, significantly enhancing platform functionality and user experience.
- Conducted thorough testing and debugging to identify and resolve software defects, improving overall system reliability.
- Stack: Ruby on Rails, Sidekiq, React, Redis, PostgreSQL.

Bevatel, Cairo Egypt

Feb 2023 – Aug 2023

Software Engineer - Business Chat.

- Business Chat lets you view and manage your customer data, communicate with them irrespective of their medium, and re-engage them based on their profile.
- Designed and implemented new features, including real-time chat functionality, workflow, and user authentication, increasing customer satisfaction by 10%.
- Integrated third-party messaging platforms, such as WhatsApp Business APIs, and social media platforms, into the Business Chat platform, expanding the platform's reach by 20%.
- Reduced customer support tickets by 15% by improving the user experience of the platform.
- Stack: Ruby on Rails, Sidekiq, Vue, Redis, PostgreSQL.

Acute Business, Cairo Egypt (Remote)

Feb 2022 – May 2023

Software Engineer – Woqody.

- Contributed to the creation of an advanced fueling system, enhancing service delivery for individuals and companies.
- Developed and deployed a fuel service system used by 10,000+ customers daily, increasing efficiency and reducing costs by 10%.
- Managed processing of over 1.5 million transactions in the fuel service system, demonstrating capacity for large-scale data management.
- Worked with diverse teams to transform business requirements into viable technical solutions.
- Crafted and implemented RESTful APIs, enabling efficient integration with external systems.
- Introduced barcode scanning in the fueling process, streamlining operations, and enhancing customer experience.
- **Stack:** Nodejs, React, Redis, PostgreSQL, Elasticsearch.

Software Engineer – Progate.

- Learning Management System and SIS systems for the E-learning process.
- Integration between many services and applications.
- Stack: Ruby on Rails, GraphQL, React, Redis, PostgreSQL,

Egyptian Navy Forces, Alexandria Egypt

Oct 2020 – Dec 2021

Software Engineer (Military Service)

- Develop a web app for navy buildings. It helps users search for builds and generates data-rich reports from a central data platform, Designed and implemented Back-end using Ruby on Rails, REST Web Services, and PostgreSQL.

Enbarter, Alexandria Egypt

Mar 2018 – May 2019

Software Engineer

- Enhanced Enbarter Concept to be a social network that connects people to exchange their services and goods with each other for free based on their skills, needs, and location.
- Features planning, database planning, and system configurations with servers and hosts.
- Stack: Ruby on Rails, Sidekiq, Redis, PostgreSQL.

EDUCATION:

Master of Science (M.Sc.) in Computer Science

Sep 2021 - Present

Arab Academy for Science and Technology, Alexandria, Egypt.

Bachelor of Science (B.Sc.) in Computer Science

2016 - 2020

Arab Academy for Science and Technology, Alexandria, Egypt. GPA: 3.1/4.0 (Very Good)

Projects:

AcuScan:

- A Hospital Management system with four types of users.
GitHub: [Github.com/a-abdellatif98/acuscan](https://github.com/a-abdellatif98/acuscan)
- The system has an important part: A Computer Vision Model diagnoses the Chest X-rays and returns the labels of the X-ray using Keras. Github: [Github.com/a-abdellatif98/AcuScan-Model](https://github.com/a-abdellatif98/AcuScan-Model)

Technical skills:

Web: Ruby on Rails | Nodejs | Flask | Django | PHP.

Version Control: Git.

Programming Language: Ruby | JS | Java | Python | PHP | C | C++.

Languages: Arabic: Mother tongue | English: Very Good