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EDUCATION

- **Arab Academy for Sciences, Technology and Maritime Transport** Alexandria, Egypt
B.Sc. In Computer Science; GPA: 3.3 2012 - 2016

EXPERIENCE

- **Homebase** United States (Remotely)
Senior Backend Engineer Aug 2021 - Present
 - **Self-serve setup:** Enhanced the payroll setup process for new customers, reducing the need for customer service interaction and enabling customers to join and set up their accounts with ease.
- **Rubikal/InsideTrack** Alexandria, Egypt
Senior Backend Engineer Feb 2019 - Aug 2021
 - **Booth Requests Automation:** Improving the setup process for new customers by automating the whole process, the time for the process decreased by 95% from avg. days to hours.
 - **Migrating Chatbots:** Migrating chatbots from Reply.ai to Google Dialogflow.
- **Damlag** Cairo, Egypt
Full-stack Software Engineer July 2018 - Feb 2019
 - **Cinemas Scraper/Mapper Tool:** Reduced the time for adding movies showtimes to elcinema.com database with mapping it to the theaters by 85% from avg. 4 hours to 30 minutes by creating a tool to automate the process for getting movies showtimes and map it to the theaters.
 - **Multilang Tagging:** Improving the navigation by creating a multilang tagging system.
- **Enbarter** Alexandria, Egypt
Chief Technology Officer 2017 - 2018
 - **E-Commerce Platform:** Created an e-commerce bartering web application using ruby on rails to barter goods and services between friends and neighbors.
- **IEEE Egypt Section** Alexandria, Egypt
Website Team Lead 2015 - 2016
 - **Registration & Ticketing, and Check-in System:** Developed a registration system for exhibitors and attendees for EED which is one of the popular events in Egypt attended by thousands of Egyptian students.

PROGRAMMING SKILLS

- **Languages:** Elixir, Ruby, PHP, SQL
Languages(Prior Experience): Javascript, Java, Python, Haskell, C, C#
- **Technologies:** Phoenix, Ruby on Rails, CodeIgniter, Bootstrap, Angular, Ionic, Parse, Git, Elasticsearch, Heroku, RabbitMQ, Redis, Nginx, Docker

PROJECTS

- **RomPatcher:** Open-source python project for patching vulnerable TP-link routers.
- **The Detective:** An alternate reality educational game to help people learn with fun.
- **ARMagazine:** A service to help people create an augmented reality apps without single line of code.

ACKNOWLEDGEMENTS

- **Security:** Helping Companies and Organizations like Nokia, General Motors, GoCD, AASTMT, Udemy, OLX to improve their security.