



Hady Mahmoud

Software Engineer with a passion for building products

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A little about me

I ask a lot of questions, most of them are smart. I write a lot of code, most of it is pretty good. I design a lot, most of that is quite bad, Haha! That wasn't embarrassing...

Right, so I am a super down to earth kind of guy, I work hard because I love my work and I am passionate about it. That was repetitive, but repetition in discourse usually means reinforcement and I firmly believe in what I do.

I love working with people, I keep an upbeat atmosphere and I am super patient.

Things I am currently working on



Owlskip <https://owlskip.com>

Increasing social media engagement by creating stunning link previews.



Rlimiter <https://owlskip.com/s/a564116f>

HTTP request rate limiting based on token-buckets, written in Go.

As a Polyglot Engineer, I am comfortable with



Ruby & Ruby On Rails

Working with Ruby since 2007 & Rails since 1.2. I am from the school that learned Ruby before learning Rails.



Golang

Replaced my need to write small services in Common lisp when I had memory constraints. Now I use it for infrastructure utilities and services



Javascript & Co.

I do a lot of web programming, I do the full-stack so JS comes natural to me. I also have extensive experience writing 3rd Party Javascript & SDKs

- **ES6/Typescript**
- **React/Vue.js**
- **Stimulus.js**
- **Backbone.js (Back in the day)**



The JVM

I started with Java back in 2005 and you never really quit the JVM. Had my fair share of commercial success in it and now I go back to it when I need to. Whether it's Spring boot or Clojure and occasionally just Java.

I'm also interested in things like Kotlin



Erlang & Co.

Picked it up in 2013, was my first functional programming experience and it's truly the most joy I get from programming right after Lisp.

I've used both Erlang and Elixir commercially, but now they're on the back burner. I bring either in only when needed



Lisp

I am very comfortable with Common-lisp, if I can do it everyday I would but then I won't be able to pay bills.

I use Common-lisp and occasionally Chicken Scheme for most of my personal utilities, automation and just fun hacking

How I work

It's important to know how I operate as an Engineer, so here is a list of things I understand, do, use or apply in my daily work.

- **TDD & BDD, Regression, smoke and integration testing.**
- **I am an excellent documenter.**
- **Git is my SCM of choice**
- **I know quite a bit about DevOps**
- **I know when to bring in design patterns**
- **GNUmake when necessary**



Highlights and most recent job experiences

DEPOSIT SOLUTIONS

Aug 2017 - Feb 2018

Head Of Core Products Engineering

Got the opportunity to build and sustain an engineering department along side the rest of the leadership team focusing on a culture that fosters planning, solid deliveries and open technical dialogues

Some of my responsibilities included:

- Spearheading critical technical decisions
- Put in place a proper software development and delivery cycle
- Establish planning, interdepartmental coordination and communicating with external entities
- Leadership training, interviewing and department growth
- Personnel management and conflict resolution
- Implementing OKRs

Backend Engineer - SEO Team

At XING I worked with the Search Engine Optimization team, whose responsibilities were to develop the public profiles and the people's directory exposing millions of accounts to search engines, working closely with SEO experts and data scientists to implement SEO strategies, increasing both the traffic and conversion rates.

IBM EGYPT

2016 - 2017

AIX Systems Engineer**EGYPTIAN AIR FORCE**

2015 - 2016

Aircraftman**GYROLABS**

2014 - 2015

Principle Software Engineer**TABSHORA**

2011 - 2014

Founder, CEO & Chairman

Fourth company I build. Born out of frustration with the current state of visual design feedback. There I built a team of a dozen employees, the best in their fields and we set out to build 5 products over the course of 3 years.

Education

GERMAN UNIVERSITY IN CAIRO**BSc. Business Informatics** 2007 - 2014

Extra-Curricular Activities:

- Delegate, GUC Model United Nations
- Delegate, GCBT (Global Conference on Business Transactions)

Fun Trivia for coffee time

- My girlfriend, Hilda is life
- My dog, Bella is the clumsiest dog in the world
- I don't carry a picture of my dog
- Feed me falafel and we'll be friends
- I use Spacemacs which is VIM + Emacs but RAD
- I get excited about boats and sailing

farewell and thank you for reading...

