

Hady Mahmoud

Software Developer

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Software developer by trade, entrepreneur by experience and a tinkerer at heart. I've been building and selling software since the hot and rather dry summer of 2006 in Cairo, Egypt, where I was born and raised.

I do most of my work in Ruby but I consider myself a polyglot engineer since I have commercial experience with Erlang, Elixir, Java and Javascript. I'm a language design enthusiast so you'll almost always find me raving about things like OCaml, Smalltalk, Lisp and Forth.

Experience

Software Engineer - XING (Jan, 2017 - June, 2017)

- Backend developer in Ruby working on XING's logged out profiles and people directory products while occasionally collaborating on Frontend work.
- Worked as part of the SEO dedicated standing team, which holds the focus of exposing the platform and its 12 million user profiles to search engines.
- Closely working with a team of SEO experts on implementing SEO strategies

AIX Engineer - IBM Egypt (2016 - 2017)

- AIX systems support for IBM global customers ranging from fortune 500 companies, NGOs to Governments
- Worked closely with customers' technical departments providing technical guidance and support in LVM, HMC, VIOS (Virtualization) and PowerVC.
- Helped bootstrap the MEA team and worked part of the Virt U.S. Team

Military Service (2015 - 2016)

- Part of Egypt's mandatory military service, enlisted as an Aircraftman.
- Worked on an integrated FIDS for grade-A airbases
- FIDS was built as a MirageOS Unikernel in OCaml with a networked terminal in Pascal

Principal Software Engineer - Gyrolabs (2014 - 2015)

- Joined to work on their Real-time presence and VOIP services
- Developed the online billing and subscription management infrastructure for UserTalk, Gyrolabs' flagship product
- Led the training, on-boarding and community of practice for new engineers
- Directed product development on SmartTVs

Founder, CEO and Chairman - Tabshora (2011 - 2014)

- Juggled a dozen different hats, from Business development to investor relationship management, marketing and sales, software development, accounting and just about anything I could fit in my head.
- At it's hight, Tabshora was a joint-stock company with quarter a million EGP in capital, 12 employees and five products.
- Born out of the first Startup weekend in Cairo. 1st Place runner-up to USAid's Global Entrepreneurship program, NextGen.
- Flat6labs alumnus, Fall 2011.
- Our technology stacks ranged from Ruby to Erlang and Lisp.

CTO - Backpack (2009 - 2010)

- Title says CTO, actual responsibilities ranged from personally overhauling the backend, introducing a Service Oriented Architecture and modularizing the platform's APIs, migrating from a legacy .NET stack, budgeting, interviewing, hiring and firing.
- Managing three mobile development teams (Android, iOS and Blackberry) and spearheading the technology direction and strategy.

Co-Founder and Managing Partner - Mash Solutions (2007 - 2009)

- Was part of a team of five founders, we set out to build what became a thriving web services agency in Cairo, focusing mainly on being a Ruby shop.
- My main focus was backend development in Ruby on Rails, later shifting into projects coordination and management.

Volunteering and Open Source

Coach, Startup Weekend Assuit

- Sought out as a Coach for Startup weekend Assuit for my work on Tabshora.
- Provided guidance into building technology startups and managing personal life while juggling multiple hats.
- Helped them work on their business plans and pitch decks for investor pitching and final presentations.

Mentor, Injaz

- Approached by Injaz to mentor a school class about Entrepreneurship.
- Helped the kids realize a viable product from planning to execution and producing an eco-friendly laptop bag.

Lecturer, Workshop on IT Decision Making

- Worked with Egypreneur, TIEC, and MCIT delivering seven lectures in 7 governorates.
- Workshop was about IT Decision Making, spoke about how to pick the right technology stack for your startup and how to avoid technical debt.
- Given to a little over 100 Entrepreneurs in total.

Lecturer, GUC Diggers CS Club

- Gave Lectures about Java programming and advanced Java programming techniques, NIO, and JEE.
- Given to 3rd and 4th year CS students.

OSS Contributions

- Ruby and Erlang libraries for Clearhaus. Online payments API from Aarhus, Denmark.
- Ruby, Javascript and PHP libraries for WireIO. A real-time messaging API platform developed at Tabshora.
- Sortviz, Terminal based sorting visualization using Ruby and Curses

Education

Bachelor of Science in Business Informatics, GUC (2007 - 2014)

- Course work in Software Engineering, Data Mining, Information Security, Corporate Accounting, Tax Accounting, Financial Auditing, Economics, Information, and Communication Architecture, ERP Solution development, OBHR, HCI, and ITPM.
- Extra-Curricular Activities:
 - Delegate, GUC Model United Nations.
 - Delegate, GCBT (Global Conference on Business Transactions).