

# Ramy Tamer

Software Engineer

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## Education

**B.S., Computer & Communications Engineering**, Alexandria University, 2012-2017  
Egypt.

## Experience

**Software Engineer**, Remote (company based in Dubai), CAFU. Nov 2020 - present

I worked on the **New Verticals** team responsible for **building** and **maintaining** new products like (Car Wash, Battery Change, Tyre Change) besides the primary fuel delivery product.

My work involved **Architecting** and **Writing** microservices in **Golang** and integrating with some existing services for shared functionality like authentication and payments. The whole infrastructure was deployed on **AWS** using some primary services (EKS, SNS, SQS, API Gateway, Lambda, S3).

**Software Engineer**, Alexandria, Rubikal. Nov 2017 - present

I worked on **Architecting** and **developing** microservices apps implemented in **Ruby** (Rails & Sinatra) and **Elixir** (Phoenix).

My work involved rewriting some Ruby services into Elixir and designing a couple of new microservices to accommodate the number of users using our apps.

My work also included integrating a **Continuous Integration** and **Continuous Delivery** strategy to ensure we ship stable, performant, and well-tested features to production as fast as possible with **zero downtime** while doing A/B testing using feature flags to make sure we don't ship faulty code.

I also worked with the DevOps & Site Reliability team to move from the old regular **AWS EC2** deployment process to full Dockerized (containerization) apps and migrate all of the environments to **Kubernetes**.

I also did a fair amount of work regarding front-end components implementation using **React** and **Redux** and helped the team increase the front-end apps' performance by adopting best practices like using Pure and functional components.

**Software Engineer**, Alexandria, Accorpa LLC. Feb 2017 - Nov 2017

I worked as a Fullstack engineer maintaining backend APIs (in Ruby/Rails & Node.js) and front-end components (with Angular); I mainly designed the REST APIs and their respected logic and data models while ensuring the best performance and following best practices. I also implemented many microservices using Node.js, Socket.io, and Redis to provide real-time functionality for the Ruby apps.

**Part-time Software Engineer**, Alexandria, Accorpa LLC. Feb 2016 - Feb 2017

**Freelance Web Developer**, Alexandria, Self Employed. Sep 2014 - Jan 2016

Developed some commercial freelance projects using PHP's framework Laravel in the backend and Vue.js as a front-end framework.

**Freelance Web Developer**, Alexandria, Design Story LLC. Aug 2014 - Sep 2014  
**Summer IT Intern**, Port Said, United Gas Derivatives Company. Aug 2014

**Side Projects** **Co-Founder**, AlexSE/Unipuka, Alexandria University - Startup. Mar 2013 - present  
An educational website that helps students to find course materials easily. We later turned this idea into an ed-tech startup specialized in e-learning solutions & systems.

### Languages, Tools and Frameworks

PHP, Ruby, JavaScript/Node.js, Elixir, Go  
Laravel, Ruby on Rails, Sinatra, Phoenix, Express, Socket.IO  
MySQL, PostgreSQL, Redis, Neo4j, RethinkDB  
Elasticsearch, RabbitMQ, Nginx, Docker, Kubernetes, AWS  
Vue.js, React.js, JQuery

**Awards and honors** **First Place In Web Development Competition**, Ministry of State for Youth Affairs. 2014

**Invited talks** **AAST**, GDG DEVFest, Gave session about integrating Google Services in PHP Web applications Alexandria. 2014

**Languages** Arabic: Native  
English: Full Professional Proficiency

**Personal** Birth date: 24 July 1994  
Citizenship: Egypt  
Family: Married and have a daughter

Last updated: April 2021