

Mariam Alzaabi

Computer Engineer

Last update: January 18, 2024

Up-to-date version of CV is available at

<https://MariamAlz.github.io/cv>

Residence

[Abu Dhabi, UAE](#)

LinkedIn

[mariam-mk-alzaabi](#)

GitHub

[MariamAlz](#)

Email

mariam.mk.alzaabi@gmail.com

I'm a full-stack developer with more than 15 years of experience. The setup for my last three projects happens to be AWS / Serverless / Lambda / NodeJS / Typescript for the backend, Angular / React / VanillaJS / WebComponents for the front end, Cypress / Jest / Endtest for testing, and CI/CD / Terraform for ongoing automation.

Professional Experience

Jan 2022 - Present

Khalifa University, Abu Dhabi, UAE

Graduate Research /Teaching Assistant

[Vocably](#) is a platform (extension and an app) that helps users to look up new words while surfing the web and study those words as flashcards on mobile.

As a founder and the only developer of Vocably, I'm responsible for:

- Developing backend with AWS / GCP / NodeJS / Lambda / API Gateway / Cognito
- Developing mobile app with React Native
- Developing frontend/mobile experience (PWA) with Angular / Amplify
- Developing Chrome Extension with Vanilla / Web Components
- DevOps and CI/CD with CircleCI / Terraform / NodeJS / Zx / Bash
- Testing with Jest / Cypress / Endtest.io
- Market analysis, product marketing, cost and pricing analysis

AWS GCP Terraform NodeJS React Native Angular OAuth Browser Extensions Typescript

Jun 2021 - Aug 2021

Children's National Hospital, Washington, D.C., USA

Intern

Completed two projects for [John Deere](#).

1. A system that receives, stores, and processes operation metrics from different types of vehicles. Mainly AWS, NodeJS, Terraform, DynamoDB, Lambda
2. A sales tool that helps users to track, analyze, and predict various machinery metrics. Mainly Angular, OAuth, AWS, Terraform

AWS Terraform NodeJS Angular OAuth

Jul 2019 – Jan 2021

DAZN, Amsterdam, NL

Platform Engineer

High load media streaming [platform](#).

Started as a front-end engineer at My Account team. Later as a full-stack/dev-ops engineer for the Developer Experience team which provided development, deployment, and automation tools for more than 60 teams and 500 people across DAZN Engineering.

Responsibilities:

- Develop and maintain "My Account" section of the website. Mainly frontend with React / Mobx / Webpack / Jest
- Develop and maintain various deployment and development tools. Full stack with AWS / NodeJS / NextJS / Webpack / React / Redux

AWS Terraform NodeJS GraphQL React Mobx Redux Webpack Jest Storybook

Reference: [Cirpo Cinelly, Engineering Manager](#)

Feb 2017 – Jun 2019

KLM Royal Dutch Airlines, Schiphol, NL

Senior Frontend Developer

Real time fault tolerant mobile application used by 330 KLM mechanics at Schiphol airport to perform between-the-flight aircraft maintenance. The application displays up-to-date KLM's fleet schedule and towing information, helps team leaders to manage teams, and provides the scope of work for mechanics.

Responsibilities:

- Incorporate business requirements into biweekly product increments

Achievements:

- As a scrum team member, developed and launched a mobile app from the scratch
- [Open source library](#) as a solution to common Ionic's problem. 1k weekly downloads in 2020

Angular Ionic RxJS NgRx Typescript SASS Webpack Jest

Reference: [Önder Ceylan, Tech Lead](#)

Jun 2014 – Feb 2017

Knab hypotheek, Amsterdam, NL

Senior Frontend Developer

Core front end developer of a fully automated mortgage advice system.

Started as a backend developer and eventually transferred to the frontend.

Responsibilities:

- Developed new functionality
- Conducted job interviews

Achievements:

- Developed flexible registration process and 16 tools intended to gather detailed customer's legal and financial data
- [Component library](#) as a result of collaboration with the design team
- Introduced test driven development process with Karma and test automation with Protractor

AngularJS Karma Protractor SASS Gulp Bootstrap PHP Symfony MySQL PHPUnit AWS Heroku

Reference: [Mark Sizoo, Tech Lead](#)

Oct 2012 – Jun 2014

upwork.com, Mountain View, USA

Senior Frontend Developer

Core frontend developer of the world's #1 [freelance marketplace](#).

Responsibilities:

- Developed A/B tested functionality for company's crucial business component: Job Posting Engine
- Conducted job interviews
- Facilitated onboarding process

Achievements:

- Developed and successfully launched job post engine: highly-configured job posting and rendering tool
- Introduced test driven development process into the organization's development flow

Javascript

jQuery

qUnit

Grunt

Selenium

Compass/SASS

PHP

Zend

Postgres

Reference: [Sean Kane, Vice President of Engineering](#)

Career insights

2010 – 2012

Full stack freelancer (PHP, JS, SQL, Linux, CI/CD).

Successfully completed multiple small and middle-sized projects. Received [positive feedback](#) from all of my clients. Reviews are available [here](#). Must be registered user to read all the reviews. Sorry.

2005 – 2010

Junior/middle full-stack developer (PHP, JS, SQL, Linux).

Significant experience was acquired while working on [GameWatcher](#) and [RecordNerd.com](#).

2000 – 2003






Worked as visual designer for a local TV channel. Acquired passion for objects composition, color matching and animation.

Education

Master of Science in Computer Science. Khalifa University [2022 – present]

Bachelor of Science in Computer Engineering. Khalifa University [2016 – 2021]

Certifications

-  [AWS Certified Solutions Architect - Associate](#) - Jan 18, 2019
-  [Professional Scrum Master I](#) - Apr 2, 2018
-  [React Nanodegree](#) - Dec 27, 2017
-  Zend Certified Engineer  - Jan 24, 2011

Additional experience

- Some of my interests and hobbies revolve around GitHub and open source community.
A complete list of side/hobby projects: <https://github.com/sneas>
- (Not so)Active member of developer communities
 - [toster.ru/user/search](#) (Russian speaking community)
 - [stackoverflow.com/users/379949/sneas](#)
 - [ru.stackoverflow.com/users/272582/sneas](#) (Russian speaking community)

Categories: [Javascript](#) [Angular](#) [React](#) [Typescript](#)