

# MAGED YOUSSEF

Well, I'm interested in both product UI/UX and product development & engineering.

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## EXPERIENCE



### Pixelologic Media // Senior Software Engineer

Sep 2020 - Present (1+ months)

- **Started** working in an E2E system for the media production companies.

**Technologies** Java, Spring Framework, Python, Django, Vue.js, React, Javascript, PostgreSQL, AWS S3, and Docker.



### Mentor, A Siemens Business // Software Engineer

Dec 2017 - Aug 2020 (2.5+ years)

- **Led** a team to develop a **monitoring system** to visualize the performance data & help users create their own customized dashboards for better UX (Angular, Java & Spring Framework).
- Created a new **framework** to visualize data from regression tools (Angular, Python & Flask).
- Participated in the **UX design process** for multiple projects.
- Implemented a tool to detect high traffic on network filers resulting from unexpected users behavior (Django).
- Developed a **plugin for JIRA** to integrate with existing release notes system (Javascript & Java).
- Enhanced a system used for release notes generation **to be generalized** to use it across all teams (Javascript & Perl).
- Developed & enhanced **dashboards in Perl/CGI** to visualize data from regression tools (Perl).

**Technologies** Java, Spring Framework, Python, Flask, Django, Angular, Javascript, Perl, MySQL and PostgreSQL.



### Freelancing // Full-Stack Developer

May 2016- Dec 2017 (1.5+ years)

- Created a **church management** system (Angular, Python & Django).
- Developed a **store locator** for a multi-branch shop in Egypt (Angular & Nodejs).
- Developed multiple **CMS** websites (PHP & Wordpress).

**Technologies** Angular, Python, Django, Nodejs, PHP and Wordpress.



### Bel3raby.net // Co-founder

Sep 2015 - Present (5+ years)

- Co-founded "bel3raby.net" as a non-profit organization to enrich the scientific Arabic content on the internet.
- Developed a **custom CMS** site for the project (Vuejs, Nuxt & Wordpress API).
- Implemented a layer to **integrate Vuejs & Wordpress API**.

**Technologies** Vuejs, Nuxt, Wordpress and Wordpress API.



### Moviefy // Graduation Project

Sep 2016 - July 2017 (9 months)

- Implemented the LSTM RNN deep learning model that's used for **emotions detection** (Python).
- Developed the **web interface** as well as **REST APIs** for mobile app communication (Django & Javascript).
- **Deployed** the application on **AWS** - Elastic Beanstack (AWS).

**Technologies** Python, Django, Neural Networks, Keras, Tensorflow, Javascript, AWS and MySQL.

## EDUCATION

BSc Computer Engineering - Class 2017 - Faculty of Engineering, Ain Shams University - **GPA:** 3.2 (Very Good with Honor)

## PROJECTS

#### PlanX (Vuejs, Java, Spring Framework & Microservices)

A tasks management system using microservices architecture.

#### Scripler (Vuejs, Java & Spring Framework)

A custom CMS built on top of Spring Framework.

#### WeBase (Vue.js)

A component library in Vue.js.

#### CRUD (Vue.js, Java, Spring Framework)

A CRUD engine built for easily get started with any database.

#### Corona in Arabic (Vue.js, Python, Flask)

A COVID-19 dashboard focused on the Arab league analytics.

#### Bel3raby.net (Vue.js, Wordpress APIs)

A website for science news targeted towards the Arab people.

#### St. Mina Portal (Angular, Python & Django)

A data management & analytics system for church services.

#### WP-API (Nodejs & Wordpress Database)

A nodejs API that provide access to Wordpress database.

#### WP-Migrate (Nodejs & Wordpress REST APIs)

A CLI tool to export & import wordpress site data.