

# Mohamed Samir

## Senior Front-End Engineer & Angular Expert

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Cairo, Egypt



### SUMMARY

Experienced Angular Developer with 6 years of experience and a degree in Computer Science. Expert in Angular with experience in Node.js, Typescript, JavaScript (ES6), HTML5, CSS3, Bootstrap, OOP, Design Patterns, Algorithms, and Agile methodologies.

### EXPERIENCE

Senior Front End Engineer / Angular Developer 04/2020 - Present

Capstone Logistics

Remote (US)

Developed and maintained Angular applications for various clients.

- Developed and maintained Angular applications resulting in increased efficiency by 20%.
- Developed and deployed Angular applications resulting in a 30% increase in client satisfaction.
- Created reusable Angular components based on UI standards and guidelines in web-based application called **Yard Management System**.
- Worked with a team of 25 members in an agile environment to build and develop an ERP system called **Managed Receiving** that provides solutions for supply chain, warehouse, and freight management.
- Performing code reviews.
- Supervised approximately 3 front-end associates.
- Worked with JASMINE in testing and Cypress for unit testing angular modules.

Front End Engineer / Angular Developer 01/2019 - 04/2020

Miramar Tech

Remote (US)

Developed and maintained Angular applications for various clients.

- Implemented responsive design using HTML, CSS and bootstrap resulting in a 15% increase in user engagement.
- Responsible for developing the UI pages in **Prio App** using Angular 11, HTML5, CSS3, SCSS, and Bulma.
- Responsible for Building the following modules in the **Prio App** from scratch: timer, team management, project management, scheduling modules.
- Resolved 3-5 technical issues daily, faced by the end-users.
- Improved application performance by 25% through code optimization and refactoring.
- Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular.
- Implemented HTTP requests using RxJS Observable library to handle multiple values over time.
- Implemented Angular Router to enable navigation from one view to the next as customer performs application tasks.

### STRENGTHS

#### Problem-solving

Developed solution to reduce queries that are being sent to the database and to reduce the load time of web app by 50%.

#### Communication

Collaborated with cross-functional teams to ensure successful project completion.

### SKILLS

#### Programming Languages

Typescript · JavaScript(ES6) · Node JS · Python · SQL

#### Frameworks & Libraries

Angular 15 · RxJS · NGRX · ExpressJS · NestJS · Bootstrap · Redux · Angular Material · Jasmine · Bulma · Karma · SSR with Angular Universal

#### Web Development

HTML5 · CSS3 · SCSS · Restful API · Cloud Functions · Angular CLI

#### Methodologies

OOP · Database Design · Data Structure · Algorithms · Design Patterns · Agile · UML

#### Databases

MySQL · SQL Server · Firebase · PostgreSQL

#### Tools & Cloud Service

Git · Azure DevOps · Npm · Nx workspace · Cypress(e2e) · webpack

## EXPERIENCE

**Front End Engineer / Angular Developer** 01/2018 - 01/2019  
**iSky Development** Cairo, Egypt

Developed and maintained web applications for various clients.

- Responsible for Building the following modules in the **ThoroughWorks** and **Website Management and Task Tracking System** Apps: [task manager](#), [timesheets](#), [contacts](#), [dashboard](#), [products](#) and [site manager](#).
- Collaborated with cross-functional teams to deliver projects on time and within budget.
- Designing and developing web applications using HTML5, CSS3, Bootstrap, JavaScript, Angular, Rxjs and Angular Material.
- Extensive usage of Bootstrap for layout as well as responsive design and SASS for Responsive design.
- Involved in development of User Interface using HTML/HTML5, CSS/CSS3, JavaScript, and Bootstrap.

## EDUCATION

**Bachelor's degree in Computer Science** 09/2014 - 07/2018  
**Misr University for Science and Technology** Cairo, Egypt

## PROJECTS

**Managed Receiving** 04/2020 - Present

An ERP system that creates and manages the appointments used to deliver products from the docks to the warehouses for clients of Capstone Logistics Company.

- Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, Bootstrap, Typescript, and Angular 14.

**Yard Management System** 10/2022 - Present

An integration of the yard management service with MR Project. to add the ability to the trailers to be checked in, identified and outfitted with an RFID tracker.

- Created reusable components & templates and style sheets based on UI standards and guidelines. Performed functional tasks using specifications and wireframes.

**Prio** 01/2019 - 04/2020

The Project focuses on the development of a SaaS product for managing remote teams, time tracking, projects, payments, meeting scheduling and client management for Miramar Tech.

- Responsible for developing the UI pages using Angular 11, HTML5, CSS3, Typescript, and Bulma.

**ThoroughWorks Sales Management** 03/2018 - 01/2019

An end-to-end solution and mobile office for horse sales requirements, from pre-sale document tracking and sales inspection management through to sales accounting and invoicing.

- Enhanced application performance by Angular Component based development in view of future Angular framework transitions.

## LANGUAGES

English Proficient ●●●●●

## CERTIFICATION

**Angular Certificate**

Hacker Rank (4/2022)

**Certificate of completion  
NTL Program**

MCIT (10/2018)

**Full Stack Web Developer  
Nano-Degree**

Udacity (07/2018)

**Certification of  
participation in Summer  
Academy**

Microsoft (08/2017)

## TRAINING / COURSES

**The Ultimate Design  
Patterns Course**

Codewithmosh

**Accelerated ES6 JavaScript  
Training**

Udemy

**The Complete Angular  
Course Beginner to  
Advanced**

Udemy

**Software Development  
Internship – Microsoft  
Egypt Summer Academy**

Microsoft