# Abdelrahman Mohamed    Full-Stack Developer

I have Bachelor's degree in Management information systems, and hands-on experience using Node.js to create and implement software applications.

I am proficient with document databases MongoDB. I have a very good understanding of fundamental CS concepts like Object Oriented Programming, MVC Architecture, and REST as well as experience building software with more modern techniques like, service-based architecture, and third-party API integration.

## Contacts:

**Degree:** Bachelor's degree in Management information systems ( Graduated 2019 )

**DOB**:26/8/08/1994

**Location:** Cairo, Egypt (ability to work remotely)

**Phone:** 01156-5659-10

**Email:** abdelrhmanm525@gmail.com

**Linkedin:** aabdelrahman-mohamed

**Blog:** https://abdelrahman-saad.cc

**Portfolio:** https://amsaad.co

**GitHub:** https://github.com/amsstudio

## Back end
- Node.js
- Express.js
- MongoDB
- RestApi
- WebSockets
- Docker

## Front End
- Html5
- Css3
- JavaScript
- Typescript
- Vue.js
- Vuex
- PWA
- React
- Redux

## Technical Skill
- Agile
- Scrum
- Kanban
- Design Patterns
- Problem Solving
- Web Scraping
- Js Modules
- JSON
- Ajax

## Skills:

## Education:
- Bachelor degree management information systems
- Nodejs The Complete Guide – Udemy

- MongoDB - The Complete Developer's Guide – Udemy

- Node.js Micro Services – LinkedIn

- Progressive Web Apps (PWA) - The Complete Guide – Udemy

- JavaScript Algorithms and Data Structures Masterclass – Udemy

# Experiences

## Work
### Coformatique
Working as a Front-End Developer.

Responsible of 4 app, 3 of them using Vue.js and the last one is React.js.
After handed over the project I was in charge of understanding the architect along with other developer.
This was the most challenging part, but on the other hand being able to work with react is fun and also challenging

## Freelance & Volunteering
### Recwide
**Description:** Web app for recording screens and webcam online and offline with ability to save the project into account to retrieve it anytime.
User can choose between multiple recording modes and audio options as well as resolutions and video extensions.

- Used Vue.js for Front-end with Vuex for state management.
- Each interface is a module with a namespace to separate the codebase.
- Used Node.js and express for the Back-end to provide RestApi for the Front-end.
- MongoDB was the database I have used for the application.
- PWA for making it downloadable.

### Touchit
**Description:** Physical personal/ business card with NFT to be able to read it once it touched any mobile phone and display the card holder info on the web page.

- Implemented the software with MVC Architecture
- The Front-End I've used the pure html5, css3, JavaScript and Jquery
- dynamically updated the dashboard with RestAPI for wide searching.
- The Back-end developed with Node.js(express.js), MongoDB, and Socket.io for real time chat between admins and drivers.

- Applied MongoDB transactions to maintain all the complex process to work simultaneously
- Managed Hosting with Name Cheap and C-Panel

## Carry it

**Description**: Software for managing shipping company internally with an interface for end-users to add/track their shipments and Integrated API to let the end-user connect its e-commerce with the software directly

**Durations**: 2 months
- Implemented the software with MVC Architecture
- The Front-End I've used the pure html5, css3, JavaScript and Jquery
- dynamically updated the dashboard with RestAPI for wide searching.
- The Back-end developed with Node.js(express.js), MongoDB, and Socket.io for real time chat between admins and drivers.
- Applied MongoDB transactions to maintain all the complex process to work simultaneously
- Managed Hosting with Name Cheap and C-Panel

## Smart Academy

**Description:** Built a Full-Stack web app to allow the educational center to add its teachers and students under one platform to provide the E-Learning with real-life simulation**.**

**Durations:** 2 Months

- Used Node.js and MongoDB in the back-end
- Build Subscription based on pin code and each teacher create his required pin code to resale it.
- Used Html5, Css3, JavaScript in the Front-end.
- Craft handwriting questions to let student answer the question on canvas**.**

## Cookielicious

**Description:** Built a Full-Stack web app for e-commerce with MVC Architecture

(In Deployment).

**Durations**:  Month

- For Front-End used html5, css3, javaScript and PWA to feel app-like.
- For Back-End Used Node.js (express.js) and MongoDB for database.
- Applied MongoDB transactions to maintain all the process to work simultaneously.

- Simplify the experience was our goal. Removing obstacles from the user so that he can find what he wants smoothly and quickly.
- Implemented dashboard for admin to add/edit and track everything.
- Managed Hosting with Name Cheap and C-Panel.

### Ahmed Khafaga

**Description:** Built the back-end for private teacher courses with Node.js

 **Durations**: month

- Developed the Back-end with Node.js and express.js with three users types (students, teacher, and assistants)
- Used MongoDB for database with indexed the frequently search queries for quick response
- Craft handwriting questions to let student answer the question on canvas.

## Side Projects

### Expenses Tracking

**Description:** Built a Full-Stack app for tracking expenses and virtual card

- Used Vue.js for Front-end with Vuex for state management.
- Each interface is a module with a namespace to separate the codebase.
- Used Node.js and express for the Back-end to provide RestApi for the Front-end.
- MongoDB was the database I have used for the application.

### Search App Collector

**Description**: Web Scrapper for collecting results for query form YouTube and Google

- Used Node.js and Puppeteer for scraping the web pages.
- Html5 and css3 was the front-end technologies I've used to get the queries and display the results
- Structured the project for future expanded by module each search engine scraper in a separate module.