# HOUSSAM AYYACHE

JAVA DEVELOPER

Computer Engineering | Beirut Arab University

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## Summary of qualification

- Excellent knowledge in Java with 3+ years of experience.
- Working with Micro-services architecture.
- Working with PostgreSQL and MongoDB databases.
- Solid understanding of OOP, Data Structures and Design Patterns for writing clean, maintainable and efficient code using SOLID principles.

## Experience

Monty Holding
Back end java developer                                                                                    *Aug 2018 – Present*

- Developed a micro-service that handles sending and receiving SMS using cloud hopper java library for handling SMPP protocol.
- Worked with RabbitMQ for handling the communication between the micro-services and Redis for implementing shared cache between the micro-services and pub/sub to notify the micro-services on different events.
- Used dependency injection and different design patterns for writing reusable and maintainable code.
- Using Consule and spring boot admin for monitoring the instances for each micro-service.
- Using Sql2o as an ORM and later on switched to MyBatis.

Technical
Java – spring boot amin – RabbitMQ – Redis – PostgreSQL – SMPP – cloud hopper – Hikari data source – Sql2o – Consul - MyBatis

Front end – back end java developer                                                            *Dec 2017 – Aug 2018*

- Worked on different web applications.
- Used Cloud Hopper java library to handle SMPP communication with an SMS Gateway.
- Spring mongo framework for Mongo DB.
- Responsible for adding features, maintaining and fixing bugs depending on clients' requirement.

Technical
Java - Java servlets – HTML – CSS – Java Script - JQuery – Bootstrap - MongoDB – SQL – Spring Mongo - GIT

Accomplishments
Considered employee of the month based on my performance on the projects.

Neumann
Java developer                                                                                          *Oct 2016 – Nov 2017*

- Responsible for fixing bugs and adding new features on an enterprise web application using Java, JavaScript, CSS and HTML using Google Web Toolkit (GWT) framework. Also worked and optimized access control system related issues based on the `OrBAC` concept.
- Using SVN for source control.

Technical
Java - HTML – CSS – Java Script - JQuery – Bootstrap – SQL - SVN

# Projects

## Mobile App (IONIC and Node JS Application)
Freelance                                                                                                  *Feb 2018 – April 2018*

A mobile application that shows a list of events and places around a city and connects the users with guide persons.

- Created for both IOS and Android using IONIC framework.
- Connected with google maps to show marker locations for events.
- Back end using node JS with express framework and mongoose for MongoDB.
- Admin page for adding/removing/updating app data created using Angular 7 and JWT Token authorization.
- Hosted on Clever Cloud

Technical
Angular 7 – Typescript – Node JS – Mongo DB – IONIC 4 – SCSS – GIT

## Math Derive
Android App 10k+ downloads

An educational project which can find the derivation of a mathematical equation and shows the user a step-by-step guide on how the derivation is found.

Used advanced data structure and tree search algorithms for computing and solving complex symbolic mathematical equations.

**https://play.google.com/store/apps/details?id=me.math.com.math&hl=en**

## Bl Dadd
Android App Mobile app competition

An application with the purpose of granulating young and adults in the Arabic language. Won the 2nd place across different universities who were competing.

## Bomb fall
Android Game App

A small game made for fun integrated with Firebase and Adsense.

**https://play.google.com/store/apps/details?id=com.bombfall**