

# Hadi Osman *Computer & Communication Engineer*

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🔗 Hadi Osman | Portfolio

Highly motivated systems and networks engineer with software development skills looking to expand my knowledge and skill set.

## Professional Experience

2023/10 – present Beirut, Lebanon	<b>Junior Software Developer</b> <i>Inkript</i> Responsibilities included undertaking projects in Angular and .NET frameworks, collaborating with developer, quality assurance, and business teams.
2023/05 – 2023/08 Beirut, Lebanon	<b>Software Developer Internship</b> <i>Inkript</i> Worked as Flutter, .NET and Angular developer at Inkript, developing several mobile apps and web apps with .NET web APIs, windows services and databases using Visual Studio Code, Visual Studio, and MongoDB over the period of 3 months.
2022/03 – 2022/06 Tripoli, Lebanon	<b>Mobile Developer Internship</b> <i>ZeeSWeb</i> Worked as an android developer for the app sociabatt from ZeeSWeb. ZeeSWeb is a debate/voting based social media app available on the Google Playstore. The internship was done over the period of 3 months using Kotlin for development in Android Studio, then later Flutter using Android Studio and Visual Studio Code to branch out to other platforms.

## Education

2018/09 – 2023/09 Baabda, Lebanon	<b>B.E. in Computer and Telecommunication Engineering</b> <i>Antonine University</i> B.E. in Computer and Telecommunication Engineering, with emphasis on Systems and Networks.
2007 – 2018 Choueifet, Lebanon	<b>Life Sciences Baccalaureate 2 (Grade 12)</b> <i>Amjad High School</i> Graduated Grade 12 (Baccalaureate 2) as a Life Sciences in the spring of 2018.

## Skills

C++ • C# • Java • Object Oriented Programming • SQL & PL/SQL • Python  
HTML, CSS, JavaScript, PHP • Kotlin • Flutter • .NET Core Web Api • .NET Windows services  
.NET Framework • Angular web development • MongoDB • Firebase  
Manage and administer MySQL and Oracle databases • Research • Network Design and Optimization  
Windows server (Install, deploy, manage) • Virtual Machines (VMWare, VirtualBox)  
Linux (Ubuntu, Redhat, Arch, Debian, Rocky) • AutoCad • A.I. (Artificial Intelligence) • MATLAB  
Microsoft Office Suite • Project Management • Time Management • Problem Solver • Analytical  
Able to work in a team • Leadership skills • Can adapt to change

## Languages

English SAT 1160/1600	● ● ● ● ●	Arabic	● ● ● ● ● ●
French	● ● ● ● ●		

## Certificates

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- CCNA Scaling and connecting networks certificate
- CCNA Routing and switching essentials certificate
- CCNA introduction to networks certificate

## Projects

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### Mobile Phone Specifications Website

Built a website (front/back end) that gives the user the ability to view specifications of a desired phone and compare it to other phones. The website was built using HTML, CSS, JQUERY and PHP.

### Family Business Software

Developed a program that manages everything a family business work offers from client's accounts and orders to the management of stocks using JAVA DATABASE PROGRAMMING and JAVA FX.

### Employees Management Software

Developed a program that helps with the management of the employees in a given environment using JAVA and JAVA GUI.

### Gym Membership Manager

Developed a gym membership management app using Flutter and Firebase to manage memberships and profiles for gym members by the gym admin.

### Workout Tracker

Developed a mobile workout tracking app enabling users to track their workouts from their exercises performed to their weights progress over time, along with suggested workouts, a small Tetris mini game, backup and restore, dark and light mode, accent color change, and the option between Kg and Lbs.

### I.T. Network Management System

Developed a mobile app to monitor the statuses of systems (computers, servers, etc...) whether they are offline or not, with notifications for when system statuses change, with a map feature to track systems. Light and dark mode are available. A sign in screen with Firebase Auth is implemented.

### Biometric Template Protection Final Year Project

As a final year project for my Computer and Communication Engineering degree, along with two team members and a supervisor, we aimed to perform an engineering project to enhance iris recognition algorithms using multiple technologies such as adding homomorphic encryption, authentication protocols, neural networks and cloud storage and computing, further enhancing the security and reliability of iris recognition systems.

The project was realised in python, using google cloud as the cloud storage and computing server.

## Extra-curricular Activities

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2013 – 2015

Choueifet, Lebanon

### Volunteer at Environmental Club at Amjad High School

Volunteered at the Amjad High School environmental club. Cleaned streets, forests, natural reserves, planted trees at: Faraya, Lebanon, Arz, Lebanon; Attended multiple lectures about climate change and pollution and environmental impact of everyday objects.