



# BOUFAT'H Aziz

## Software Engineer

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 **Portfolio:** <https://aziz-portfolio-eosin.vercel.app/>

### Professional Summary

Software Engineer with a master's degree in software engineering and over 4 years of professional experience. Expertise in full-stack development, real-time application systems, and rapid application deployment. Successfully developed innovative web and mobile solutions for transport geolocation, passenger information systems, and LED display control applications. Fluent in English, French, and Arabic, with availability for freelance and part-time roles.

### Work Experience

#### Software Engineer - Emka

**Duration:** Jan 2020 – Present

- Designed and implemented scalable React-based interfaces for real-time transport systems.
- Integrated WebSocket APIs to enhance app responsiveness, improving performance by 25%.
- Led a team of developers in delivering innovative features on tight deadlines.

#### Web Developer - Freelancer (Part-Time)

**Duration:** Jan 2017 – Dec 2019

- Built custom websites and web applications for clients, focusing on responsive design and user experience.
- Developed interactive web interfaces using modern JavaScript frameworks.
- Successfully delivered projects under budget and time constraints.

### Details

**Birthday:** Nov 20, 1995

**Phone:** +216 56 100 591

**Email:** boufath.aziz83@gmail.com

**From:** Tunis, Tunisia

**Languages:** English, French, Arabic

**Freelance:** Available

**Part-Time:** Available

### Technical Skills

**Programming Languages:**

JavaScript, Python, C++, Java

**Frameworks & Libraries:**

React, Node.js, Flutter, Express.js

## Game Developer - Orange Developer Center

**Duration:** Feb 2015 – Dec 2016

- Developed and optimized 2D/3D games for mobile platforms.
- Collaborated with designers to create engaging user experiences.
- Ensured seamless performance across diverse devices.

## Education

### Master's degree in software engineering and Rapid Application Development - Higher Institute of Technological Studies of Sousse

**\*\*Year\*\*:** 2017 – 2019

### Applied Degree in Multimedia and Web Development - Higher Institute of Technological Studies of Sousse

**\*\*Year\*\*:** 2014 – 2017

### Bachelor of Computer Science - Kesra High School

**\*\*Year\*\*:** 2010 – 2014

## Projects

### Real-Time Geolocation Platform

- Developed a web and mobile platform for real-time geolocation of buses, ships, and other vehicles.
- Enabled seamless tracking and visualization of transport operations.
- Stack: React, Node.js, Flutter, Firebase, WebSocket.

### Passenger Information and Assistance System (SAEIV)

- Built a web and mobile system offering administrative and passenger access.
- Provided real-time updates on schedules and transport operations to improve passenger experience.
- Integrated API-driven solutions for reliable and efficient data communication.
- Stack: React, Flutter, REST APIs, MongoDB.

### LED Display Control Application

- Created a web and mobile application to manage and control LED displays remotely.
- Designed an intuitive interface to configure display messages and schedules.
- Ensured compatibility across various LED hardware setups.
- Stack: React, Node.js, Flutter.

### Tools & Platforms:

Docker, Git, Firebase, AWS  
- Databases\*\*: MySQL, MongoDB, PostgreSQL

### Specializations:

Real-time applications, API development  
IoT systems  
Full Stack Web Developer  
UI/UX Designer  
Software Testing  
Problem Solving