

# Hazem JBALI

## Software Engineer

Versatile Software Engineer with deep knowledge in Web Development and Cybersecurity, driven to innovate in dynamic environments. Explore my work at <https://hazem-jbali.netlify.app/>.



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📍 Ariana, Tunisia

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## EDUCATION

### Applied Science and Technology Engineering Master

Superior Institute of Informatics

09/2019 - 09/2023

*Graduated with the highest honors.*

### Bachelor of Science and Technology

Superior Institute of Informatics

09/2016 - 06/2019

## WORK EXPERIENCE

### Full Stack Web Developer - Intern

Hitech Solutions

02/2023 - 11/2023

*Lisbon - Portugal ( Remotely )*

#### Achievements/Tasks

- Worked smoothly with designers, frontend, and backend devs, promoting communication and achieving project milestones efficiently.
- Employed Vue.js for dynamic, interactive frontend, enhancing user engagement with real-time updates for a modern experience.
- Utilized Laravel's robust framework to construct secure RESTful APIs, streamline data management, and seamlessly integrate diverse web application components.

### Software Engineer - Intern

Ministry of Social Affairs

06/2021 - 08/2021

*Tunis, Tunisia*

#### Achievements/Tasks

- Developed a service that detects vulnerabilities of hundreds of equipment by analyzing their logs collected in a database.
- Created weekly reports using SQL to extract data from a database, similar to the most recent data. Used Excel to cleanse, analyze, and format the data.
- Worked with other groups to ensure continuity and coverage of the other departments.

### Software Engineer - Contractor

Kreatorz dev

01/2020 - 01/2023

*Ariana, Tunisia*

#### Achievements/Tasks

- Working with the company's clients to identify their software needs.
- Overhauled the obsolete legacy source code of +10 projects and using diverse Web stacks (React, Angular & node,django,laravel & Bootstrap, Tailwind) and databases (MongoDB, MySQL) while integrating devops practices.
- Implemented the regression testing of projects by testing under a virtual environment and resulting in zero bugs.

## SKILLS

Python, C++, C#, PHP, JavaScript

Html, CSS

Django, Flask, Laravel

React, Vue 3

Figma

GIT, CI/CD, Slack

Web/Data scrapping

Devops, Docker

Cyber security

MongoDB, Mysql

APIs

TensorFlow, PyTorch

AI, Blockchain

GNU/Linux, Windows, MAC OS

GCP, AZURE, AWS

## PERSONAL PROJECTS

### Logistic Python Automated Bot

- Implemented a Python-based automated system using data science techniques to optimize stock replenishment and provider management, leading to substantial improvements in maintaining in-stock inventory levels.

### NVD Web Scraper

- Engineered a security bot scraping NVD data, instantly alerting admins to new exploits, including 0-day vulnerabilities, for rapid response and mitigation.

## ORGANIZATIONS

### ISI Geeks Dev (09/2020 - 12/2022)

*Programming Instructor*

### Securinets (09/2017 - 12/2020)

*Events Coordinator*

## CERTIFICATES

CCNAs [↗](#)

Cisco Cybersecurity Essentials [↗](#)

IBM Blockchain Certificate [↗](#)

EF SET English Certificate [↗](#)

*C1 Level*

PYTHON

## LANGUAGES

English C1 certified

*Professional Working Proficiency*

French C1 certified

*Professional Working Proficiency*

Arabic

*Native or Bilingual Proficiency*

German A1 certified

*Elementary Proficiency*