# 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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## EDUCATION

### Applied Science and Technology Engineering Diploma
Superior Institute of Informatics Tunis Manar

*09/2019 - 09/2023*  *Graduated with the highest honors.*

### Bachelor of Science and Technology
Superior Institute of Informatics Tunis Manar

*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 along with Laravel for Backend logic.
- Implemented CI/CD pipelines utilizing Jenkins and Docker, resulting in a 40% decrease in deployment time and a 25% improvement in code quality.

### Software Engineer - Contractor
Ste Com Prod

*07/2019 - 10/2022*  *Ariana, Tunisia*

Achievements/Tasks
- Led the creation of interactive SPAs using Angular and Laravel's RESTful APIs, achieving a 40% increase in user engagement and reducing frontend loading times by 25%.
- Overhauled the obsolete legacy source code of +10 projects using scalable Web stacks ( React, Angular / node, Django / Bootstrap ) and databases ( MongoDB, MySQL ) while integrating Devops practices for a +30% increase in overall system efficiency and faster time-to-market.
- Implemented the regression testing of projects by testing under a virtual environment and resulting in zero bugs.

### 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 analysing their logs collected in a database.
- Created weekly reports using SQL to extract data from a database, similar to the most recent data. Used Python to cleanse, analyse, and format the data.

## SKILLS

Python, JavaScript, C++, C#, PHP | Html, CSS
Django, Flask, Laravel, node | React, Angular
Figma | GIT, CI/CD, Slack | Web/Data scrapping
Devops, Docker | MongoDB, Mysql | Cyber security
APIs | TensorFlow, PyTorch | AI, Blockchain
GNU/Linux, Windows, MAC OS | GCP, AZURE, AWS

## PERSONAL PROJECTS

### Logistic Python Automated Bot ( SupplyChain 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 Scrapper ( Cyberguard )
- 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*

Arabic
*Native or Bilingual Proficiency*

French C1 certified
*Professional Working Proficiency*

Germain A1 certified
*Elementary Proficiency*