



IHEB BELGHITH

SOFTWARE ENGINEER

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PROFILE

- Software Engineer and DevOps Enthusiast experienced in building applications using both monolithic and microservice architectures. Proficient in a range of web development frameworks and DevOps tools. Seeking an opportunity to advance my skills and contribute to impactful projects by leveraging my expertise in software engineering.

EDUCATIONAL BACKGROUND

- ENSI , National School of Computer Science: Specialization in IoT (Internet of Things) • 2021-2024
- Preparatory Institute for Engineering Studies of Nabeul: Mathematics-Physics • 2019-2021

SKILLS SUMMARY

- Languages:** Java 17, Python, JavaScript, Typescript, C, C++, C#, SQL.
- DevOps Tools:** Git, Docker, Kubernetes, Jenkins, Terraform, Ansible.
- Frameworks:** Angular 16 , Spring 3.2.2 , React.js, .Net 7.0.
- Platforms:** Linux, Windows, Microsoft Azure .
- Soft Skills:** Teamwork and collaboration, Adaptability , Quick learning, Emotional intelligence.

PROFESSIONAL EXPERIENCE

- End of studies internship** • February 2024 - July 2024
 - Company:** Numeryx Tunisie
 - Project:** Numeryx Quality, Comprehensive Audit Management Application.
 - Description:** Developed an audit management web application for the quality department to streamline scheduling, execution of audits, real-time notifications, and provide a dashboard displaying key performance indicators (KPIs).
 - Skills Learned:** Angular 16, Spring Boot 3.2.2, Microservices Architecture, JUnit, Kafka, OpenFeign, GitLab, Docker, Kubernetes, PostgreSQL, MongoDB, BPMN.js, Apache POI, Angular Material.
- Summer internship** • July 2023 - August 2023
 - Company:** Septeo Tunisie
 - Project:** Employee Bus Pickup Scheduling Web Application
 - Description:** Built a bus scheduling app to manage employee pickups, allowing for easy booking, real-time tracking, and optimized routes with notifications for changes and delays.
 - Skills Learned:** .NET 7.0, ASP.NET Core, Entity Framework Core, LINQ, Bing Maps, JWT, Microsoft SQL Server, RESTful API Development, MVC, ReactJS, Git.

PROJECTS

- **Kubernetes CI/CD Pipeline with Jenkins** • **October 2023**
 - Implemented a comprehensive Kubernetes CI/CD pipeline using Jenkins, focusing on scalability, and automated deployments. : **Jenkins, Kubernetes, Docker.**
- **Academic Machine Learning Project** • **September-2023**
 - Developed a stroke prediction model using **Python, Scikit-learn**, and **Pandas**. The process involved selecting and pre-processing a dataset, performing data cleaning, and encoding for analysis. To refine predictions in supervised learning, I utilized **Logistic Regression, SVM, KNN, Decision Tree, Random Forest, and the VotingClassifier.**
- **Conception and Development Project** • **2022-2023**
 - In this experience, we developed a trading platform that enables users to connect their wallets and activate a trading bot : **React.js, Node.js, Material UI, MongoDB., Docker ,Reinforcement Learning.**
<https://github.com/ibbelghith/Projet-de-Conception-et-de-Developpement-Trading-Platform>
- **Project Manager OF ARE's Website** • **2022-2023**
 - We built a new website for the ensi robotics association, splitting the project into sprints and adopting the Agile Scrum methodology. : **React.js, Bootstrap, GIT.**
<https://github.com/ibbelghith/ARE-Website>
- **RobocApp** • **2021-2022**
 - In this project, we developed a mobile application to help organising our annual event RoboCup, for the ENSI's Robotics Association ,we intend to use it the next year : **Java , XML , Firebase .**
<https://github.com/fantarRaed/RobocApp>

EXPERIENCES

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|---|--------------------|
| • Community Manager at ENSI Robotics Association | • 2022-2023 |
| • Organized RoboCup 4.0 | • 15 October 2021 |
| • Organized RoboCup 5.0 | • 16 October 2022 |
| • Organized ENSI's Annual Forum 17th Edition | • 24 November 2022 |
| • Organized RoboCup 6.0 | • 15 October 2023 |
| • Organized ENSI's Annual Forum 18th Edition | • 21 Novembre 2023 |

COURSES AND CERTIFICATES

- The Ultimate DevOps Bootcamp - 2023 by Mumshad Mannambeth , KodeKloud Training. **Udemy**
- DevOps Beginners to Advanced with Projects - 2023 by Imran Teli. **Udemy**

LANGUAGES:

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| • English | Fluent. |
| • Arabic | Fluent. |
| • French | Intermediate |

HOBBIES:

- Guitar
- Chess
- Robotics