



WASSIM KRIBAA

- Algiers, Algeria**
- +213541089545**
- hw_kribaa@esi.dz**
- Wassimkr**
- Wassim Kribaa**
- wassimkribaa.netlify.app**

SKILLS

- Web Development**
- DevOps**
- POO**
- Cloud**
- Semantic Web**
- Docker**
- Kubernetes**
- Git**
- Pharo**
- JavaScript**
- Python**
- MERN**

LANGUAGES

- Arabic** Native
- French** Proficient
- English** Proficient

PROFILE

As a final year student at the Higher School of Computer Science ESI (ex. INI) Algiers, I am an enthusiastic learner with a strong interest in Web Semantic, Cloud Computing, DevOps, and Object-Oriented Programming. With a solid foundation in computer science and a passion for exploring emerging technologies, I am eager to apply my skills and knowledge to drive innovation and solve complex challenges. As a dedicated and hardworking individual, I am committed to continuous learning and growth in the field of computer science.

EDUCATION

5th year student at the Higher school of computer science ESI (ex .INI), Algiers, Algeria

EXPERIENCES

Intern, Web development Aug 21, Oct 21 Biskra, Algeria
In my capacity as a developer, I undertook the development of a MERN-based application that effectively managed the employees of SAA-Biskra society. In order to realize this project, I harnessed the powerful capabilities of MongoDB, Express, React.js, and Node.js

Intern, AALTO University Sept 22, Sept 23 Espoo, Finland

The objective of my recent project was to develop a new application profile model in line with the emerging cloud-edge computing continuum (CECC) concept, utilizing tools such as Protégé, OWL language, RDF, and the semantic web. I also leveraged cloud technology, Kubernetes, Docker, OSR engine, and microservices to create an integrated platform for the life cycle management of microservice-enabled applications. The project involved a comprehensive study of the necessary elements for the application profile, with a particular focus on the requirements of application consumers, microservice composition, and data sources. The development of an ML algorithm for the optimal prediction of application profiles was also a significant aspect of the project. Currently, I am in the process of writing a new research paper on this innovative application profile model.

PROJECTS

TinyBlog

TinyBlog is a web application to manage one or more blogs. It has developed using Pharo and Seaside. The idea is that a visitor to the website can see the posts and the author of the blog can log on to the site to administer the blog i.e. add, delete or modify posts

Grey Wolf Optimizer for Graph Coloring

I designed a new metaheuristic optimization algorithm called Grey Wolf Optimization (GWO), inspired by the cooperative hunting behavior of grey wolves in nature. The algorithm was implemented using Python and benchmarked on ten input files. Additionally, I have written a research paper detailing the algorithm and its performance

Implementation of a Kubernetes cluster

For this project, I containerized two web applications and subsequently developed a Kubernetes cluster to manage their deployment and scaling