Frank Kuete
Software Developer – Data Scientist

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Technical Skills

- **Programming Languages** : Java | Python | R | JavaScript | C | C++ | Typescript • **Operating Systems** : Windows | macOS | Linux
- **Back-End Development :** Spring| Spring Boot | Nodejs | Express JS | Django | Django Rest Framework | Flask | Rest API
- **Databases :** SQL | MySQL | PostgreSQL | SQLite3 | NoSQL | MongoDB • **Front-End Development :** HTML | CSS | React | Angular
- **CI/CD & DevOps :** Git | GitHub | Bitbucket | Docker | Docker-compose
- **Software Testing** : Karma, Jasmine(Angular) | Cypress | Junit | Mockito | Unit Testing | e2e Testing
- **Project Management :** Agile Scrum Method, Waterfall Method • **Analysis & Design** : UML | Use-case , Class & Sequence diagrams
- **Data Science Tools & Libraries:** NumPy , Pandas , Matplotlib , Seaborn **,** Scikit-Learn , PyTorch , TensorFlow , PySpark , PySparkML

Soft Skills

Autonomy | Communication | Pedagogy | Time Management | Team Worker `Together we go further ` | **Empathy** | **Rigorous**

Experience

Analyst Developer Intern	**B12 Consulting**	*Ottignies-Louvain-la-Neuve , Belgium*	**07/2022 - 09/2022**

- Participate in the development of an online full stack application which facilitates feasibility study of real estate projects
- Integrate the team of development in **Agile-Scrum Methodology** , and Participate in the regular stand-up and iteration meeting
- Observe and appropriate the functional and non-functional aspects of the application and understand scenarios.
- Implement and debug for Angular application , a set of **Unit test** (using **Karma and Jasmine**) and **e2e test** (using **Cypress**)
- Integrate achieved unit and end to end tests in the **continuous integration** pipeline on **Bitbucket** and document achieved work
- **Technical Environment : HTML | CSS | JavaScript | Typescript | Angular | Karma | Jasmine | Cypress | Docker | Git | Bitbucket**

Software Development Engineer	**Emna E-services Company**	*Nabeul, Tunisia*	**09/2019 - 07/2020**

- Participate to the development of an enterprise order management and delivery tracking application for a E-commerce company.
- Analysis and specification of the manager needs and participate in the design of the software architecture of the system.
- Participate in the setting up and implementation of databases using **MySQL**, Implementation of a REST API using the **Spring framework**.
- Implementation of a set of User-Interface which perform several functionalities using **Nodejs** and **JavaScript Open source** libraries
- **Technical Environment :HTML | CSS | JavaScript| NodeJS | Bootstrap | Java | Spring |Spring Boot | Spring Data**.

Full stack Software Development Intern	**El Anouar Express**	*Beni-Khiar, Tunisia*	**02/2019 - 04/2019**

- Design and development of a showcase website for a distribution company and a back-office web platform to handle the website content.
- Preparation of a preliminary study and Analysis and specification of the functional and non-functional needs of the client.
- Modeling the static and structural aspect of the application with **UML use case and class diagrams**, and the dynamic aspect of each functionalities **with UML sequence diagrams**
- Implementation of a database on **MySQL**, a REST API based on **Java/Spring** and back-office platform with **Angular** and **Angular material**
- Development of several User-interface on **Angular 8** and **Bootstrap**, Integration of the **Leaflet library** to display locations on maps.
- **Technical Environment :HTML | CSS | JavaScript | Typescript | Angular| Bootstrap | Angular material | Java | Spring | Spring Boot | Spring Data JPA | UML | Leaflet | Sweet Alert**

Education

Master in Computer Science	**Université Libre de Bruxelles**	*Brussels, Belgium*	**09/2020 - 07/2023**

- Major 1 : Computational intelligence subjects (Machine Learning , Artificial Intelligence , Big Data Processing and Management)
- Major 2 : Web and Information Systems (Advanced databases , Datawarehouse , XML and Web technologies)

Bachelor in Computer Science Applied to Management	**Université de Carthage**	*Nabeul, Tunisia*	**09/2016 - 07/2019**

- Design, implementation, and programming of information systems, Automation of business processes.
- The control and monitoring of an IT project from the study of needs to its implementation.

Projects

- **Driven Data Competition :** Predict H1N1 and Seasonal Flu Vaccines on R language using various ML models. **(05/2022)**
- **Others projects :** Available on my website frankkuete.github.io/frank.portfolio#projects

Tutoring and Pedagogical activities

- **Academic Tutor At Schola-ULB:** Supervision, assistance and tutoring for middle school students in scientific subjects. **(10/2020 -Now)**
- **Assistant Student At ULB-Solvay Business School:** Assistance for students in Python/Django Project Implementation. **(12/2022)**

Languages   ## Hobbies

- **French**: Native/Bilingual   • **English** : Professional Working Proficiency   • **New technologies** • **Sport (Football)** • **Music listening**