Frédéric Kah

ID: 190775N50197 | **Date of birth:** 11/12/2004 | **Place of birth:** Antibes, France |

Nationality: French | **Phone number:** (+33) 0784856541 (Mobile) | **Email address:**

frederic.kah.ndf.a@gmail.com | **Website:** https://frkah.github.io/webdev_site_portfolio |

LinkedIn: Frédéric Kah | **Address:** 8 Avenue Principal Pastour, 06600, Antibes, France (Home)

WORK EXPERIENCE

🏢 **WORLDLINE** – PARIS, FRANCE
Business or Sector Financial and insurance activities | **Department** LIQUIDITY | **Website** https://worldline.com/

SOFTWARE DEVELOPER – 23/06/2025 – 21/07/2025

-Designed and developed an automatic SQL query rewriting tool in **Python** to ensure compatibility between **Oracle** and **PostgreSQL**.
-Implemented syntax transformations for Oracle-specific constructs (e.g. NVL, COALESCE, (+)", "DELETE without FROM) into standard SQL understood by both databases.
-Built a parser to analyze and rewrite SQL queries embedded in .c, .pc (Pro*C), .sh, and .sql files.
-Developed a **user-friendly HTML report system** that:
- Displays successful and failed rewrites with a **diff view** of original and modified queries.
- Includes a **navigation sidebar**, **search functionality**, and **error logging** for manual review.
- Groups results by file and query line number for traceability.
-Ensured the tool runs efficiently in a continuous integration environment.
-Contributed to internal tooling and code maintainability within the LIQUIDITY team.

EDUCATION AND TRAINING

09/09/2024 – CURRENT Sophia Antipolis, France
CURRENTLY ENROLLED IN ENGINEERING DEGREE EURECOM

- occupational techniques (making of standard breads, fancy breads, cakes and pastries)
- science applied to food and equipment (microbiology, biochemistry, hygiene)
- occupational technology (basic principles, hygiene and safety)
- knowledge of business and its economic, legal and social context

Website https://www.eurecom.fr/en/node/388 | **Field of study** Information and Communication Technologies |

Level in EQF EQF level 7

05/09/2022 – 14/06/2024 Paris, France
SCIENTIFIC PREPARATORY CLASSES FOR ENGINEERING SCHOOLS (CPGE MPSI / MP) Lycée Charlemagne

Website https://pia.ac-paris.fr/serail/jcms/s1_2107661/fr/cite-scolaire-charlemagne | **Level in EQF** EQF level 5

02/09/2019 – 10/06/2022 Paris, France
FRENCH BACCALAURÉAT – SCIENTIFIC TRACK - EUROPEAN OPTION (MENTION : VERY GOOD) Lycée Notre Dame de France

Website https://www.notredamedefranceparis.fr/ | **Level in EQF** EQF level 4

LANGUAGE SKILLS

Mother tongue(s): **FRENCH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
ITALIAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Programming Skills

computer programming │ Python (computer programming) │ SQL │ database management systems │ use object-oriented programming │ use markup languages │ analyse software specifications │ develop software prototype │ use software design patterns │ use software libraries │ debug software

Soft Skills

manage engineering project │ think creatively │ cooperate with colleagues │ work as a team │ think analytically │ project management │ Good listener and communicator

Language Skills

interact verbally in English │ write English │ understand spoken English

Other Technical Skills

provide technical documentation │ engineering processes │ interpret technical requirements │ define technical requirements │ create solutions to problems

HOBBIES AND INTERESTS

Music

I play guitar and enjoy writing original rock songs, both instrumental and with lyrics.

Independent Video Game Development

I enjoy creating video games as a personal project, combining programming, original music composition, and both 2D and 3D art.

Roleplaying

I write and run original roleplaying game campaigns for groups of players. This activity involves worldbuilding, storytelling, and real-time improvisation to adapt to player choices and create engaging collaborative narratives.