

Souhaïel Karbaa

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Adaptable IT enthusiast with a strong foundation in full-stack development, web technologies, and networking. Holds a Master's degree in Computer Science from the Kobe Institute of Computing in Japan. Experienced in developing responsive applications through hands-on projects. Proficient in HTML, CSS, JavaScript, ReactJS, PHP Laravel, and other modern technologies. Multilingual in English, French, Arabic, and German, with strong problem-solving abilities, effective communication skills, and a collaborative mindset.

Core Skills

- **Front-End Technologies:** HTML, CSS, JavaScript (ES6+)
- **Frameworks and Libraries:** ReactJS, Laravel, Jest
- **Tools and Version Control:** Git, GitHub, GitLab, Webpack, npm, Yarn
- **Other Skills:** RESTful APIs, Cross-browser Compatibility, Docker, AWS, Linux
- **Programming Languages:** C++, Python, PHP
- **General IT Skills:** Understanding of hardware components of servers and computers, familiarity with Linux-based systems, and general network systems understanding.

Personal Projects

- **Full Stack Web Application:** Building using ReactJS and Laravel as part of my graduate thesis project. The app aims to encourage social collaboration in trash and litter collection. [GitLab-Link](#) | [Youtube](#)
- **Airline Booking System:** Developed a Python-based system for a class project. [GitHub-Link](#) | [Youtube](#)
- **Gym Management Website:** Designed and implemented with CRUD operations using PHP. [GitHub-Link](#) | [Youtube](#)
- **Traffic Light Simulator:** Implemented in C++ utilizing an ESP8266 board. [GitHub-Link](#) | [Youtube](#)
- **PDF Word Frequency Counter:** Developed using Python, integrating PDF text extraction, keyword frequency analysis, and data visualization techniques. [GitHub-Link](#) | [Youtube](#)
- **IoT Automatic Pet Door Prototype:** Created an IoT prototype for an automatic pet door using C++, to facilitate pet access into buildings using sensors and automated doors. [GitHub-Link](#) | [Youtube](#)

Professional Experience

Crosswire Ltd. (Temporary Position), Osaka, Japan

December 2024 – Present

Telecommunications & Network Installation Technician

- Installed data and audio cables across various country pavilions for Osaka Expo 2025 (Germany, USA, Belgium, Saudi Arabia)
- Set up and organized server racks and structured cabling inside server rooms to maintain optimal network performance and security.
- Collaborated with engineers and project managers to ensure proper network layout and adherence to technical specifications.

Lufthansa Group, Tunis, Tunisia

Duty Station Manager, 09/2015 - 09/2022

- Led a team of ground staff, fostering a positive work environment and promoting teamwork.
- Managed day-to-day operations at the assigned duty station, ensuring smooth functioning of airline activities.
- Developed and implemented emergency response plans.
- Ensured compliance with airline and aviation regulatory standards and safety protocols.

IT Tasks:

- Managed monthly data backups on behalf of IBM service, ensuring data integrity and availability.
- Received and executed troubleshooting instructions for anomalies, provided timely reports and feedback to IBM service, and ensured issues were resolved efficiently.
- Contributed to the development of an AI-powered chatbot to automate ticket rebooking requests.
- Collaborated with IBM Watson during the requirement gathering process and performed data cleaning to prepare high-quality datasets for training the chatbot.

Lufthansa Group, Tunis, Tunisia

Station Supervisor, 02/2013 - 08/2015

- Oversaw aircraft turnaround processes, coordinating with ground staff, cabin crew, and maintenance teams.

Lufthansa Group, Tunis, Tunisia

Multi-task Reservations and Ticketing Agent, 11/2011 - 02/2013

- Assisted customers with booking reservations, providing information on flights, fares, and available services.
- Provided excellent customer service to passengers, addressing inquiries, resolving issues, and ensuring a positive travel experience.

Education

Kobe Institute of Computing, Kobe City, Japan

Master's degree in Computer Science, 10/2022 – 09/2024

Higher Institute of Applied Studies in Humanities of Tunis, Tunis, Tunisia

Bachelor's degree in Business English, 10/2008 – 06/2011

Other Skills & Interests

- **Language skills:**

English (*Native or Bilingual Proficiency*)

French (*Native or Bilingual Proficiency*)

Arabic (*Native or Bilingual Proficiency*)

German (*Limited Working Proficiency*)

Japanese (*Elementary Proficiency*)

- **Interests:** Cooking, Running, Video games, Hardware Repairing (restoring and trading junk items)