

Souhaïel Karbaa

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[LinkedIn](#) • [GitHub](#) • [GitLab](#)

Passionate Full-Stack Web Developer with a Master's degree in Computer Science, graduated from the Kobe Institute of Computing in Japan. Demonstrated ability to develop responsive web applications through various personal projects. Proficient in HTML, CSS, JavaScript, and modern front-end frameworks such as React JS and PHP Laravel. Strong problem-solving skills, excellent communication, and teamwork abilities.

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)
- 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)