Souhaiel 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](https://gitlab.com/app383515/TrashTracker/) | [Youtube](https://youtu.be/0fSbcxTEjHY)
* **Airline Booking System**: Developed a Python-based system for a class project. [GitHub-Link](https://github.com/Souheil11/Airline_Booking_System) | [Youtube](https://youtu.be/4XeWTC1xzhg)
* **Gym Management Website**: Designed and implemented with CRUD operations using PHP. [GitHub-Link](https://github.com/Souheil11/Gym_Management_System) | [Youtube](https://youtu.be/o_eByk6Pk-U)
* **Traffic Light Simulator**: Implemented in C++ utilizing an ESP8266 board. [GitHub-Link](https://github.com/Souheil11/Traffic-Light-Simulator) | [Youtube](https://youtube.com/shorts/yePtlT3ds_A)
* **PDF Word Frequency Counter**: Developed using Python, integrating PDF text extraction, keyword frequency analysis, and data visualization techniques. [GitHub-Link](https://github.com/Souheil11/PDF-Word-Frequency-Counter) | [Youtube](https://youtu.be/pi4gI3IqRro)
* **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](https://github.com/Souheil11/Automatic-Pet-Door) | [Youtube](https://youtu.be/2w2G5F-EXvc)

# 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)