

Ali Khaddour

Senior Full-Stack Software Engineer with **5+ years** of experience designing and delivering scalable web applications, distributed microservices, and high-performance system integrations. Skilled in **Java (Java EE, Spring Boot)**, **PostgreSQL**, and modern **JavaScript frameworks (React, Node.js, TypeScript)**. Proven track record in **RESTful API development**, **SQL optimization**, and backend performance tuning, achieving **up to 40% faster system response**. Experienced in **Docker**, **Kubernetes**, and **CI/CD** pipelines, with a strong focus on **clean, maintainable code** and **cross-team collaboration**.

CONTACT DETAILS

WORK EXPERIENCE

Safee Fleet Management

Remote

- Developed and maintained **frontend and backend features**, improving overall user experience and **reducing support tickets by ~15%** through smoother workflows and faster load times.
- Designed and implemented **20+ new APIs** and enhanced existing endpoints, enabling the mobile team to deliver new features faster and meeting evolving customer requirements.
- Built the **Tracking Data Analyzer**, an **Elasticsearch/Kibana-based system** with supporting microservices to stream data in real time, enabling users to **create customized reports in under 5 minutes** instead of the previous minimum of one week.
- Built the **Real-Time Message Delivery** system, allowing secure and immediate data exchange with external platforms, **giving users direct access to their raw data in real-time** for advanced analysis, auditing, and integration with their own BI tools.
- Contributed to the development of the **Tracom Device Manager**, a **core service in the tracking device** that oversees all device services, manages version updates, ensures service health, and automatically resolves operational issues to maintain uninterrupted functionality.
- Optimized SQL queries** and refined PostgreSQL schemas, **cutting report generation times by more than half** and improving overall system responsiveness.
- Leveraged multi-threading, concurrent programming, and JVM internals expertise to fix system instability issues, **preventing downtime during peak loads** and **increasing backend throughput by 30%**.

Senior Full-Stack Engineer

Apr 2022 – PRESENT

TECHNICAL SKILLS

Languages & Scripting:
Java, C#, Python, JavaScript, TypeScript, SQL

Frameworks & Backend:
Java EE, Spring Boot, Node.js

Frontend & Visualization:
React, D3.js, ThreeJS

Databases:
PostgreSQL, MySQL, Elasticsearch

DevOps & Tools:
Docker, Kubernetes, Git, CI/CD

LANGUAGES

English, fluent

Arabic, native

INTERESTS

Business Knowledge, Reading books, Learning new things, Cycling, Swimming

HIAST**Syria - Damascus****Assistant Lecturer****Nov 2021 - May 2025**

- Guided students in developing strong **problem-solving skills** through code reviews, algorithm design workshops, and one-on-one mentoring.
- Delivered **over 50 lab sessions** for senior-year IT students in Computer Vision, Data Visualization, Computer Graphics, and Information Retrieval.
- Supervised **more than 10 capstone projects**, providing architectural guidance, performance reviews, and technical support.
- Authored comprehensive assessment materials, tutorials, and lab guides using Markdown and Jupyter Notebooks to support both in-class learning and independent study.
- Collaborated with faculty to incorporate machine learning and D3.js-based visualization tools into coursework and research projects, creating more interactive and applied learning experiences.

Formera**Remote****Front-End Developer****Oct 2021 – Mar 2022**

- **Added new customizable form input types**, giving users **more flexibility in creating tailored forms** for data collection.
- Enhanced existing form components for improved usability, accessibility, and visual consistency.
- **Implemented data export and analytics features**, enabling users to **download collected form responses and gain insights** into trends and response patterns.
- **Optimized front-end performance**, reducing form load times and ensuring smoother interaction for end users.
- Collaborated with designers and backend developers to ensure form features met both client needs and technical requirements.

Khamsat.com**Remote****Full-Stack Developer****Jan 2020 – Oct 2021**

- **Delivered 50+ client projects** including web applications, automation tools, and data analysis pipelines.
- **Built custom Python-based data pipelines** for clients in the e-commerce and finance sectors.

EDUCATION**Higher Institute for Applied Sciences and Technology (HIAST)**

Damascus, Syria

Engineer's Degree in Computer Software Engineering

Oct 2014 – Sep 2021