

# Chadi El Masri

Full Stack Developer

Paris, France

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## EDUCATION

### American University of Beirut

Beirut, Lebanon

2007 - 2012

#### Bachelor in Electrical and Computer Engineering

Graduated with distinction.

## SKILLS

### Languages

Java, TypeScript, JavaScript, Python

### Web

Angular, Vue.js

### Devops

Kubernetes, Docker, Ansible

### CI

Jenkins, GitHub Actions

### VCS

Git, Perforce

## LANGUAGES

English

Fluent

French

Fluent

Arabic

Native

## WORK EXPERIENCE

### Murex S.A.S

Paris, France 2012 - today

#### Developer - UI 2 yrs

- Developed web interfaces based on provided mockups.
- Improved code quality by creating team-specific **ESLint** rules.

#### Tech Lead - Technical Services 1 yr

- Led cross-component testing of core Murex services, which allowed detection of regressions related to the **startup, idle activity** and **endurance**.
- Implemented various monitoring solutions to help analyze issues.

#### Developer - Technical Services (Monitoring) 2 yrs

- Introduced **Distributed Tracing** on top of the new Spring Boot REST services to ease their operability.
- Analyzed and implemented the requirements for the production readiness of the Monitoring backend.
- Deployed core Murex services in a **Kubernetes** cluster, to bring the Murex solution closer to industry standards in terms of cluster management.

#### Developer - Business Process Management 6 yrs

- Contributed to the development of various architecture-related enhancements in the Workflows module, resulting in structured, testable code with improved benchmark times.
- Tackled a wide range of technical challenges across multiple domains, including concurrency, database analysis, monitoring, user interface design, and legacy code modernization.

### German Aerospace Center

Oberpfaffenhofen, Germany 2011

#### Developer (Intern) 2 mo

- Developed an application to display flight safety criteria on a world map.

### Engineering Design and Manufacturing

Beirut, Lebanon 2009

#### Developer (Intern) 2 mo

- Developed a Web-based business dashboard for mobile devices.

## PROJECTS

### Home Kubernetes Cluster

Implemented a production **Kubernetes Cluster** of 4 Raspberry Pis and built a set of workloads (Python, Go) to enable home monitoring and automation.

### Home Dashboard using Dashing/Smashing (Ruby/TypeScript)

Built a Dashboard using a Raspberry Pi and a 7" screen, and implemented the necessary widgets for electricity, **public transportation**, tasks, birthdays, **air pollution**, weather, and news.

### Jenkins Additional Metrics Plugin (Java)

Provides additional metrics for Jenkins List Views, such as Success/Failure Rates, Min/Max durations, and Uptime/Downtime.