E-MOBILITY / CHARGING SYSTEMS / TECHNICAL DELIVERY

Youssef El Fahim



eMobility Project Manager & Technical Lead

Technical leadership • Complex projects • Customer relations

Île-de-France · France / Europe
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An engineer with **6 years of eMobility experience**, I am the **technical focal point for the charging ecosystem at Daimler Buses France**. I combine systems expertise, project delivery and customer relations, from pre-sales to operational support. I coordinate teams and develop AI use cases to improve workflows.

01 PROFESSIONAL EXPERIENCE

DAIMLER BUSES FRANCE

April 2024 — present · Permanent role · Île-de-France

E-Mobility Technical Expert

Charging focal point · Project delivery · Customer support

- **Lead charging expertise** : vehicle, CCS / pantograph, EVSE and CSMS; **ISO 15118, OCPP 1.6 and VDV 261**.
- **Lead complex projects** : frame requirements, prioritise and coordinate engineering, IT, suppliers, workshops and customers through field validation.
- **Support customers before and after sales** : technical advice, charging architecture, tenders, clear diagnostic explanations and action follow-up.
- **Drive incident resolution** : structure root-cause analysis, correlate **V2G logs**, CAN and Grafana / KQL, then verify corrective actions with partners.
- **Deploy connected services** : preconditioning, **OMNIplus ON**, configuration and user support.
- **Contribute to a monitoring platform** : charging success KPIs, preconditioning diagnostics and anomaly tracking to guide field actions.
- **Train colleagues and develop AI use cases** : charging knowledge transfer, summarisation, documentation and task automation to save time.

75+

electric buses
in the operational monitoring scope

CORE EXPERTISE

Interoperability
EV · EVSE · CSMS
CCS · pantograph
ISO 15118 · OCPP 1.6
IEC 61851 · VDV 261

Diagnostics & data
Root-cause analysis · logs
CAN · telematics
Grafana · Azure / KQL
Xentry · OMNIplus ON

Leadership & customers
Project delivery
Pre / after-sales
Partner coordination
Training · AI use cases

Explore my portfolio ↗
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From research to field operations.

02 RESEARCH & ECOSYSTEMS

STELLANTIS

2020 — 2023 · Apprenticeship · Carrières-sous-Poissy

EV Charging Solutions & Ecosystem Engineer

Smart Grid · V2G · Energy flexibility

- **Analyse energy markets** : frequency reserve, balancing, capacity and demand response; translate requirements into fleet constraints.
- **Model in MATLAB / Simulink** a fleet as a distributed battery: aggregate SoC and control charging and discharging power.
- **Compare V2G / V2X scenarios** by availability, power, losses and economic value; present project recommendations.

DTU · ELECTRIC VEHICLE LAB

April — September 2022 · Internship · Copenhagen

Testing & Validation

- **Validate dynamic EVSE limits** in the lab: vary power setpoints and observe charger–vehicle response using a protocol based on **IEC 61851-1**.
- **Run bidirectional V2G tests** on Nissan Leaf / CHAdeMO; measure power, energy, losses and cycle repeatability.

03 INNOVATION AT DAIMLER BUSES

MONITORING · KPIs · DIAGNOSTICS

Electric bus depot monitoring platform

Contribution to the design and development of a vehicle and charging monitoring platform: **charging success rate**, preconditioning monitoring and diagnostics using **V2G logs**. Translate operational needs into features and support field teams with anomaly analysis and corrective-action follow-up, to help maintain **operational continuity and maintenance**.

EDUCATION

ESIGELEC · Rouen
Engineering degree · 2023
Electrical engineering & transport
Electrical systems, energy, power electronics and storage.

DTU · Copenhagen
Academic exchange
Automotive Engineering
Electric Vehicle Lab

CPGE TSI
Mathematics, physics and industrial engineering.

TECHNICAL TRAINING

IAV Mannheim · 2024
ISO 15118 · DIN 70121
IEC 61851

Electrical authorisations
B2VL / BCL

LANGUAGES

French · fluent
English · professional use
Arabic · native
Spanish · basic

TOOLS & METHODS

Python · React · FastAPI
MATLAB / Simulink
Jira · field testing
Technical reporting

Understand. Coordinate. Improve reliability.

Online CV & projects ↗
youssefelfahim.site