



AYMANE EL BERRI

PROJECT MANAGER

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OBJECTIVE

With a +9 years of experience in autonomous driving tech, automotive industry, railway signaling, telematics and IoT tech, I am looking forward to contributing efficiently in project management / product development of mobility complex systems, with a focus on added value, innovation and efficiency.

LANGUAGES

- ENGLISH: fluent. TOEIC 880
- FRENCH: bilingual
- SPANISH: intermediate
- ARABIC: mother tongue.

PERSONAL ACHIEVEMENTS

SOCIAL ENTREPRENEURSHIP

- 5-years experience in social-impact projects at ENACTUS Morocco, development of innovative solutions to ease public transportation use for partially sighted population.

MENTORING

- Founder and vice-president of ENSA Kenitra Alumni association.
- Development of partnerships between Stellantis ecosystem in Morocco and ENSA Kenitra students and alumni.

HUMANITARIAN PROJECTS

- Vice-president of Anaruz, a humanitarian association dedicated to socially challenged children living in remote areas.

HOBBIES

- Geostrategy, tennis, sports cars.
- Photography and architecture.

EXPERIENCE

PROJECT MANAGER

Valeo Comfort and Driving Assistance | AUG 2023 – TO DATE, CRETEIL, FRANCE

- Management of planning, resources, budget and executive operations for high-speed features (ACC, LCA) and low-speed features (Autopark) for french OEMs (Renault, Stellantis)
- Definition and consolidation of system release plan and system validation plan with integration teams and validation teams.
- Management of projects cost effectiveness (cumulative costs and forecast)
- Executive management of taskforce operations to meet SOP objectives for Renault's ADAS functions.

ADAS SYSTEM LEADER / SYSTEM ARCHITECT

Navya | FEB 2020 – AUG 2023, COURBEVOIE, FRANCE

- Lead of functional specification on perception features, environment interaction features (Obstacles, road users, road elements) and decision features (driving trajectory planning).
- Definition of autonomous vehicle capabilities and features within L4 ODD using a scenario-based strategy.
- Definition of the inter-systems functional design between Gama's systems and host vehicles (REE, Bluebus).
- Definition of MBSE strategy for operational and functional specification.
- Support on activities of FuSA Concept and SOTIF activities for Gama's autonomous vehicles.
- Coordination with dev/integration and V&V teams for implementation of features.

PRODUCT AND SYSTEM ENGINEER

Veoneer / Autoliv | NOV 2017 - JAN 2020, CERGI, FRANCE

- Customer need analysis.
- Definition of functional design / specification for Airbag ECU / Radar / pressure sensor units.
- System support for safety concept of Airbag ECU.
- Monitoring of requirements implementation, V&V and traceability with customer.

DESIGN-TO-COST LEADER

PSA Groupe (Stellantis) | SEP 2016 - OCT 2017, LA GARENNE-COLOMBES, FRANCE

- Lead of cost reduction of serial-life vehicles, engines and gear boxes for European market.
- Benchmark of design-to-cost projects around European Automotive industry.

ASSISTANT PROJECT LEADER

Fynotec | JAN 2016 - AUG 2016, KENITRA, MOROCCO

- Lead of specification, development and integration of solutions based on geolocation/geomapping and RFID for supply chain optimization.

ASSISTANT ENGINEER

ONCF (Moroccan National Railway Company) | JUL 2015 - SEP 2015, RABAT, MOROCCO

- Modelization of a simulation interface for signalling circuits of railway stations.

ASSISTANT ENGINEER

ANSALDO STS | JUL 2014 - AUG 2014, PARIS, FRANCE

- Diagnosis of anomalies and maintenance of track circuits and detection loops for trams and metros.

EDUCATION

MASTERS DEGREE

Institut d'Administration des Entreprises (IAE)

2016-2017 | TOURS, FRANCE

Masters degree in Project and Quality Management.

ENGINEER'S DEGREE

National School of Applied Sciences (ENSA)

2011-2016 | KENITRA, MOROCCO

Electronic engineering and Embedded Systems.

SKILLS

PROJECT MANAGEMENT

- Project management driven by QCDP (Quality- Cost- Delay- Performance).
- Management of RFQs
- Design to cost.
- Functional/technical Specification on V-Cycle/Scrum.
- Reporting, planning.
- Earned value management.
- Risk management.
- PLM/ALM tools : Codebeamer, Jira.

QUALITY MANAGEMENT

- FMEA, Six Sigma, 8D, SIPOC.

SYSTEM ENGINEERING / FUSA / SOTIF

- Scenario-based approach (Operational/Functional/ Logical) for system engineering.
- System / System of Systems architecture design.
- Inter-system functional design.
- Hazard analysis and risk assessment, SOTIF analysis.
- MBSE
- Requirement management : Doors, Codebeamer

DEV

- Linux, Dev Android.