



Moez EZZERELLI

Paris, France

moez.ezzerelli@gmail.com

[Codecademy](#) • [GitHub](#)

SKILLS

FRONT-END

- HTML / CSS / JavaScript
- React

MODEL-BASED DESIGN

- Matlab
- Simulink

METHODS

- TDD
- CI/CD Pipelines (GitLab)
- Agile/Scrum (Jira)

LANGUAGES

- English (TOEIC 990)
- French (Native)
- Arabic (Native)
- German (Basic)

EXPERIENCE

CAREER TRANSITION : EMBEDDED SOFTWARE → FRONT-END

CURRENTLY

Seeking to join a fast-growing team in order to accelerate my front-end developer journey while capitalising on my engineering background

- ✓ Acquired the essential front-end skill set through an online career path
- ✓ Integrated multiple web technologies in portfolio projects
- ✓ Now eager to apply my learnings in a production environment

Decided on moving into the tech sector while at my previous position

- Software becoming a leading growth factor in the automotive industry
- Automotive suppliers switching to fast development cycles
- Adapted to the paradigm shift by learning the latest methods on the job

MODEL-BASED DESIGN ENGINEER

2018 — 2022 | BERTRANDT (78)

Developed the Advanced Emergency Braking system (Renault ADAS AEB)

- Requirements: produced feasibility analyses, allocated components
- Modelling: set up interfaces, implemented logic, wrote unit tests
- Validation: ran performance and non-regression tests

Evolved in an Agile framework and a DevOps-aware environment

- Multi-site Scrum team (France, Romania, India)
- Collaborative coding through distributed version control
- Continuous integration and delivery

ENGINEERING INTERNSHIP

SUMMER 2018 | BERTRANDT (DE)

Took part in an internal innovation project seeking to enhance safety and comfort of driver assistance systems through the use of massive data sets

- Configured hardware for wireless vehicle-to-server data transfer
- Prototyped a web page mapping real-time vehicle coordinates

TRAINEE ENGINEER

2014 — 2018 | BERTRANDT (78)

Started in a transversal position within the ADAS department, later joined the Advanced Emergency Braking team and entrusted with more complex tasks

- Compiled and classified a set of Matlab/Simulink tools into a library
- Analysed specifications, verified model compliance with coding rules
- Ran non-regression tests, fixed bugs, provided support for validation tools, contributed production-ready code

EDUCATION

2023: Codecademy | Front-End Engineer Career Path

2018: Polytech Paris-Saclay | Engineering Diploma¹ | Electronics, Energy, Systems

2014: IUT de Cachan | DUT² | Electronics and Industrial IT

2012: UTBM (Belfort) | Common core of engineering degree course

2011: Lycée PMF de Tunis | *Baccalauréat*³ | Major in Science

¹ Master's Degree | ² 2-year technical degree | ³ French high school diploma