



## Moez EZZERELLI

Paris, France

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[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 a online career path
- ✓ Used 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 Diploma<sup>1</sup> | Electronics, Energy, Systems

2014: IUT de Cachan | DUT<sup>2</sup> | Electronics and Industrial IT

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

2011: Lycée PMF de Tunis | *Baccalauréat*<sup>3</sup> | Major in Science

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