

SELMA BELHADJ

FULL-STACK WEB DEVELOPER

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SUMMARY

Full-stack software developer and computer science engineer with a passion for clean code and usable design. A lover of pair programming and remote work. Fluent in a variety of languages (Arabic, English, and French), frameworks, and technologies, as well as the ability to scale up rapidly and effectively.

SKILLS

Front-End: JavaScript, React, Redux, jQuery, HTML5, CSS3.

Back-End: Ruby, Ruby on Rails, MySQL, Python.

Tools & Methods: Git, GitHub, Heroku, Netlify, Mobile/Responsive Development, RSpec, TDD.

Professional: Remote Pair-Programming, Teamwork, Problem-solving.

EXPERIENCE

HIGHLIGHTED PERSONAL PROJECTS

Full-stack Web Developer

Remote
Nov 2021 – Present

[Prestine Car Hire](#) – Prestine Car Hire is a car rental web app made up of a React front-end and a Rails API backend. Users can select a city they are visiting and then select a car to hire from a list of available cars in the particular city.

- Built with: HTML, CSS, React, Ruby on Rails, Ruby.

[Food-dishes](#) – a website that displays a list of food dishes where users can like, read more information, or leave a comment about each meal.

- Built with: JavaScript, HTML5, CSS3.

[Math Magician](#) – a website for all fans of mathematics that allows users to make simple calculations.

- Built with: ReactJS, JavaScript, HTML5, CSS3.

[To-do App](#) – a simple app for managing daily tasks with the functionality to manipulate multiple completed tasks

- Built with: ReactJS, JavaScript, HTML5, CSS3.

Ecole Nationale Supérieure d'Informatique – ESI –

Research engineering intern for final year graduation project

Algeria
Nov 2019 – Feb 2021

[Crime Analyser](#) – a system for Spatio-temporal modeling of criminal offenses (Descriptive and predictive analysis).

- Used machine learning techniques and time series for Data Mining and Knowledge Discovery.
- Developed a website presented in the form of a dashboard summarizing graphs and statistics of crimes.
- Built with: Python, Django, Pandas, Numpy, Dash.

EDUCATION

MICROVERSE

Remote Full-stack Web Development Program, Full Time ([Program Matrix](#))

Remote, USA
Nov 2021 – Present

- Working in remote pair programming with a group of six people and coding partners.
- Excelling in algorithms, data structures, and full-stack development, while creating new projects in Ruby, Rails, JavaScript, React, and Redux.
- Developing skills in remote pair-programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

Ecole Nationale Supérieure d'Informatique (Higher Computer Science School) - known as ESI -

Computer Science Engineering and Master Degree in Computer Systems ([Program Matrix](#))

Algeria
Sep 2014 – Feb 2021

- **Relevant coursework:** Computer Architecture, Operative Systems, Database and Information Systems, Introduction to Software Engineering, Mathematical Analysis, Advanced Mathematical Analysis, and Optimization Methods.