

# Mohammed El Amine Derbal

FULL STACK WEB DEVELOPER

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## SUMMARY

Aspiring software engineer driven to excel in the field of software development, seeking to make a positive impact by delivering innovative software solutions. Gained practical experience through personal projects at Microverse, honing coding, troubleshooting, and testing abilities. Adept in key areas like React Framework, Ruby On Rails, Data Structures, Machine Learning, and Debugging to contribute effectively to the team's success. In addition to my technical skills, I possess essential interpersonal skills, including remote Pair-Programming and a collaborative approach to teamwork. These qualities enable me to communicate effectively, collaborate seamlessly with diverse teams, and thrive in a remote work environment. Eager to learn and grow while making a meaningful contribution to the software development realm.

## SKILLS

**Front-End:** JavaScript, React, Redux, HTML5, CSS3, TailwindCSS

**Back-End:** Ruby, Rails, MySQL, PostgreSQL, Puppeteer, Express.

**Tools & Methods:** Git, GitHub, Heroku, Netlify, Replit, Ender, Mobile/Responsive Development, RSpec, TDD, Chrome Dev Tools

**Professional:** Remote Pair-Programming, Teamwork, Mentoring

## EXPERIENCE

### HIGHLIGHTED PERSONAL PROJECTS

**Full Stack Web Developer**

*Remote*

*January 2023 – Present*

**Portfolio** — Developed a captivating [webpage](#) to showcase my software development abilities and the technologies I am proficient in, including React, TailwindCSS and JavaScript. Created an aesthetically appealing design with a user-friendly interface, effectively highlighting my skills and projects.

- Built the entire application with React and TailwindCSS
- Utilized creative design to enhance the visual appeal and user experience of the portfolio. Demonstrated effective communication by presenting complex technical information in an understandable manner.

**Weather-App** — Engineered a dynamic [webpage](#) utilizing Express NodeJS to fetch real-time weather data for a user-input city. Implemented error handling to ensure seamless data retrieval and display, enhancing user satisfaction.

- Expertise in HTML, CSS, JavaScript, and Express NodeJS for building a robust and efficient weather application.
- Demonstrated problem-solving skills by implementing error handling and ensuring accurate weather data presentation. Collaborated effectively with team members to discuss and refine project requirements.

**Capstone-project-2** — Designed an [API-based web app](#) that retrieves information about dog breeds from a [base API](#). Displayed the first 10 breeds alphabetically and facilitated user interaction

with commenting and liking functionalities. Managed project timelines and adapted to evolving requirements.

- Proficient in HTML, CSS, JavaScript, and Webpack for building an interactive and data-driven web application.
- Demonstrated effective project management by organizing tasks, setting milestones, and meeting deadlines. Adapted to changing project requirements and collaborated with team members to ensure successful project delivery.

**scribblehub-downloader** — Created a [webpage](#) capable of scraping data from a user-provided Scribble-hub URL and generating a downloadable PDF link. Implemented node-cron for automated data scraping and pdfkit for efficient PDF generation.

- Employed EJS, CSS, JavaScript, Express, Puppeteer, pdfkit, and node-cron to develop a feature-rich data scraping and PDF generation web application.
- Demonstrated efficient time management by automating the data scraping process with node-cron, enhancing productivity. Collaborated effectively with remote team members to ensure the seamless integration of features.

**ConcertHub** — Collaborated in a remote team to create a Full-stack web application using PostgreSQL, Ruby on Rails, and React. ConcertHub provides a platform where music enthusiasts can discover upcoming concerts, book tickets, and explore their favorite artists, offering an immersive experience in the world of music.

- Utilized PostgreSQL, Ruby on Rails, and React to develop a robust and user-friendly web application collaboratively.
- Demonstrated effective remote collaboration, communication, and teamwork in delivering a seamless and captivating music discovery platform.

*Baker Hughes oil company*  
**Logging Operator**

*Hassi Messaoud, Algeria*  
*January 2019 – October 2020*

- Successfully executed logging operations for multiple wells, contributing to project success.
- Demonstrated strong problem-solving skills and adherence to safety protocols.

## EDUCATION

**MICROVERSE**

*January 2023 – Present*

**Remote Full Stack Web Development Program, Full Time**

- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair programming using GitHub, industry-standard gitflow, and daily standups to communicate and collaborate with international remote developers.
- Acquired valuable experience in remote pair programming using GitHub, industry-standard gitflow, and daily standups to collaborate seamlessly with international remote developers, fostering efficient teamwork and code integration.

- Finished the final assessment review with a perfect score of 100% in the first Microverse, showcasing exceptional mastery of the program's curriculum and dedication to excellence.

#### *MICROVERSE*

##### *Mentor (Volunteer)*

*Remote*

*February 2023– Present*

- Mentored junior web developers, providing technical support through code reviews.
- Proposed improvements to code organization to improve code quality and overall performance.
- Provided advice and tips on how to maintain motivation to maintain longevity in the program.