

# Allassane Dicko

# FULL STACK WEB DEVELOPER

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## SUMMARY

Certified Full-Stack Developer with a passion for tackling challenging tasks and deep work activities

- Currently, a Code Reviewer at Microverse, demonstrating proficiency in remote work and cross-cultural collaboration
- Certified Full-stack Web Developer who has spent 1300+ hours mastering ReactJS, Express.js, Ruby, Rails, MongoDB, and PostgreSQL
- Self-taught Android Developer, dedicated to creating high-quality software from scratch, with a particular focus on startups

## SKILLS

**Front-End:** JavaScript, React, Redux, TypeScript, Kotlin (Android Studio), HTML5, CSS3, XML

**Back-End:** Ruby, Rails, MySQL, PostgreSQL, SQL, Node.js, Express.js, MongoDB, Mongoose

**Tools & Methods:** Git, GitHub, Netlify, Mobile/Responsive Development, RSpec, TDD, Firebase, UI/UX Design Adobe XD

**Professional:** Communication, Pair-Programming, Teamwork, Team Leadership, Project Management, Deep work

## PROFESSIONAL EXPERIENCE

### HIGHLIGHTED PERSONAL PROJECTS

#### Full-stack Web Developer

Remote  
October 2022 – June 2023

**Meet Africans** – is a dating website allowing users to send emojis, and messages, and update their profiles.

- Built with: ReactJS, Redux, JavaScript [\[Live demo\]](#) [\[View code\]](#)

**Rencontre Africaine** – is a dating Android app, users can authenticate, send messages, and update their profile.

- Built with: ReactJS, Redux, JavaScript [\[Live demo\]](#) [\[View code\]](#)

**Rent House** – is a full-stack website enabling users to rent houses. Users can add and remove listings, view detailed house information, and add properties to their favorites list. The site also provides user registration and log in authentication.

- Built with: ReactJS, Redux, Ruby On Rails, PostgreSQL, JSON [\[Live demo\]](#) [\[View code\]](#)

**Food On Rails** – is a website that allows users to manage their food inventory, as well as create and publish recipes. It includes user registration and log in authentication features and enables users to restrict access to their recipes (authorization).

- Built with: Ruby On Rails, Ruby, PostgreSQL [\[Live demo\]](#) [\[View code\]](#)

**Block Stack Game** – is a game where the goal is to stack a maximum number of blocks. Blocks will shrink if there are not stacked perfectly. The game is optimized for mobile screen responsiveness.

- Built with: ReactJS, JavaScript, HTML5, CSS3 [\[Live demo\]](#) [\[View code\]](#)

**ShowTime** – is a Movie Streaming Website I developed that utilizes the TV Maze API to display a list of movies and their details in a pop-up modal. It enables users to leave comments and 'likes' on their preferred movies.

- Built with: JavaScript, HTML5, CSS3, JSON, REST APIs [\[Live demo\]](#) [\[View code\]](#)

### MICROVERSE

#### Code Reviewer (Part-Time)

Remote  
March 2023 – Present

- Dedicating over 50 hours to reviewing student projects, consistently maintaining a weekly commitment of 5 hours for ongoing evaluation.
- Maintaining a consistent code review rating that surpasses the median of 95% based on feedback from senior code reviewers
- Recommending enhancements and best practice implementation for elegant, well-organized code across 22+ diverse projects, ensuring professional communication.
- Providing tailored guidance and resources to enhance students' technical proficiency according to specific project requirements, offering targeted skill courses and instructive articles for optimal practices.

LND

Algeria

**Co-founder, Android Developer (Seasonal)**

April 2018 – October 2021

- Translated complex business requirements into actionable project objectives for multiple clients, facilitating efficient and accurate development processes.
- Leveraged Google Analytics for Firebase to discern that ~20% of users were dropping off during the registration process; counteracted this by implementing a 'Login as Guest' feature, effectively reducing user dropout.
- Excelled in UI/UX design responsibilities, crafting intuitive and visually appealing interfaces that optimized user experience and interaction.
- Developed, launched, and maintained a dating Android app across multiple versions,
- Utilized performance profiling tools to identify and address performance issues in an Android Studio project, resulting in an impressive 66.67% decrease in load time.

## EDUCATION

MICROVERSE

October 2022 – June 2023

**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 git-flow, and daily standups to communicate and collaborate with international remote developers.

About Belkaid University of Tlemcen

November 2017 – June 2022

**Master's degree, Telecommunications Engineering, Full Time**

- Used a CNN (Deep Learning algorithm) and created a content-based image retrieval (CBIR) with Python.
- Learned the base of C, C++, JavaScript, and network administration with Cisco.