

# Charmaine Simangaliso

## Mangorima

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### Objective

As a Junior Software Engineer, I am seeking a role which allows me to continue learning and perfecting my skills as I provide high-quality work, and encourages me to flourish as a Software Engineer.

### Education

- University of Constantine 1, Algeria** 2017 - 2018  
French Language
- University of Boumerdes, Algeria** 2018 -2021  
Bachelor of Science in Computer Science - Information Systems and Software Engineering  
THESIS - Development of a web application for the department of Computer Science at University of Boumerdes using PHP, HTML, CSS
- University of Boumerdes, Algeria** 2021 - 2023  
Master of Science in Computer Science - Software Engineering and Information Processing  
THESIS - Development of a system for Automatic Text Summarization of scientific papers using Latent Dirichlet Allocation (LDA) and Google BERT models (Python)

### Experience

- Centre d'Études et de Services Technologiques de l'Industrie des Matériaux de Construction (CETIM)** September 2021 - September 2022  
Software Engineer Intern
  - Contributed significantly as a Software Engineer Intern at CETIM, focusing on developing a robust J2EE and MySQL-based web app for managing IT equipment.
  - Took the lead in documenting every development phase, facilitating seamless knowledge transfer and collaboration among team members.
  - Managed comprehensive gathering and organization of critical IT asset information across the organization, using MySQL to ensure structured and accessible data.
  - Developed expertise in J2EE, Fullstack Development, Database management, debugging, and collaborative teamwork, gaining practical insights into real-world app development and data structuring in an organizational setting.
- Good Work Hub** June 2023 - November 2023  
Software Developer
  - Crafted a Python-based web scraper using OpenAI API to generate SEO-enhancing content from charity websites for the Good Work Hub platform.
  - Managed storage, manipulation, and retrieval of charity and grant information, ensuring a streamlined repository for efficient access.
  - Documented the entire development process, aiding team members and users in navigating the system effectively.
  - Actively engaged in daily stand-ups, team meetings, and project management via Jira to align efforts with organizational needs.
  - Enhanced technical skills in Python, web scraping, and project management while emphasizing the importance of teamwork and strategic implementation for organizational impact at Good Work Hub.
- Clarity Smart Technologies** January 2024 - Current  
Junior Software Engineer

-Group Leader for Junior Developers and Interns providing mentorship and collaboration opportunities to foster team growth and productivity.

-Developed and Documented a Fintech Solution Frontend (ReactJS, Tailwind) with enhanced user experience, increased accessibility, improved efficiency, and enhanced security for financial management tasks.

-Developed a Project Management System Frontend (ReactJS, Tailwind) for a Contracting Company providing streamlined project management, increased efficiency, better decision-making, and enhanced security for project data.

## **Skills**

- Python
- Java
- ReactJs
- TailwindCSS
- JavaScript
- HTML
- Express.js
- C/ C++
- PHP
- MySQL
- Project Management
- Decision making
- Problem solving
- Agility

## **Achievements & Awards**

- Certificate of Excellence- Master of Science 2nd Position - Embassy of Zimbabwe in Algeria
- Clean Class 4 Driver's License
- Javascript and ReactJs - Code First Girls
- Python and Apps - Code First Girls
- Project Management - Great Learning Academy
- Javascript Algorithms and Data Structures - Free Code Camp
- Zimbabwe - Algeria bilateral Scholarship winner in 2017