# Ghassen MELLASSI

## Frontend Developer

✉ *mellassighassen@gmail.com*   —   📍 *Tunis, Tunisia*   —   📞 *+216 51909335*   —   in *ghassen-mellassi*

🌐 *Web Portfolio*

## Experience

**Frontend Engineer**                                                                       Dec. 2024 – Present
Flouci (by Kaoun), Tunis, Tunisia

- Optimized user workflows for the Flouci Banking App, increasing task completion rates by 15%.
- Implemented modern UX/UI design systems across web and mobile platforms, reducing bounce rates by 20%.
- Led cross-functional collaboration to roll out 3 major app updates within tight deadlines.
- Conducted usability testing, achieving a 95% satisfaction rate in user feedback.

**Software Developer**                                                                       Sept. 2020 – Dec. 2024
Proxym-Group, Sousse, Tunisia

- Promoted to Team Lead in 2023 after consistently exceeding performance targets.
- Delivered high-impact e-banking and e-health projects, improving end-user efficiency by 30%.
- Mentored junior developers, reducing onboarding time by 25%.
- Designed and executed comprehensive unit and end-to-end tests, achieving 90% code reliability.
- Automated CI/CD pipelines, cutting release times by 40%.

**Significant Projects**

**Flouci Monorepo – Unified Banking & Payment Ecosystem**                                    Dec 2024 – Present
flouci.com   —   tunicheque.tn   —   Flouci App

Led the development of a modular monorepo powering Flouci's core banking and payment services, supporting both web and mobile platforms. Key modules include:

- **PECC Module:**
  - Designed a multi-language user interface with full RTL (right-to-left) support.
  - Implemented account switching, and consult/reserve check functionalities.
- **Flouci Gateway Module:**
  - Developed a Soft POS solution supporting tap-to-pay, digital wallet, and check-based payments.
  - Integrated AML (Anti-Money Laundering) and eKYC (electronic Know Your Customer) processes to ensure compliance and secure onboarding.
- **Shared Components:**
  - Centralized reusable features such as check scanning, user identity management, and internationalization.
  - Introduced global state handling via Redux RTK, achieving a 15% boost in state consistency and a 20% reduction in development cycles.

**Tech Stack:** Remix, React Native, Tailwind CSS, Firebase, Redux RTK, NFC SDK, Bitbucket, ClickUp

**DAD - Digital Assumption Database**                                                        Aug 2024 – Dec 2024
A comprehensive financial modeling platform for renewable energy projects.

- Automated data parsing, version control, and template migrations to streamline financial analysis.
- Boosted computational performance by implementing HyperFormula for statistical and financial computations.

- Deployed a scalable architecture with Docker, MinIO, Redis, and Traefik, reducing operational costs by 25%.

**Tech Stack:** Next.js, .NET Core 8, MySQL, Redis, Docker, Azure, OAuth

### BNA-H24 - A Retail Banking App                                   Nov 2023 – Jul 2024

A retail banking app evolved from the Bankerise product, focused on secure transactions and intuitive design.

- Enhanced app security protocols and reduced latency by 25% through strategic optimizations.
- Developed a mobile design system using atomic design principles, significantly improving UI consistency.
- Led the integration of account management and online transaction features.

**Tech Stack:** React Native, Styled-Components, Redux

### E-Health Symptoms Checker                                        Mar 2023 – Oct 2023

An AI-powered platform that assists users in navigating healthcare services.

- Configured React Native in a monorepo setup, promoting code reuse and enhanced collaboration.
- Established comprehensive testing pipelines with Jest and Detox, increasing reliability by 20%.

**Tech Stack:** React Native, Node.js, AWS, Terraform, Jest, Detox

### CelebrateApp - A Social Media App with 1M+ Downloads            May 2022 – Feb 2023

A widely popular social media app for sharing photos and videos, achieving over 1M downloads.

- Spearheaded the development of an album feature that improved user engagement by 35%.
- Developed and optimized in-app purchase subscription features, boosting premium user adoption.
- Resolved critical navigation and deep-linking issues, contributing to overall app stability.

**Tech Stack:** React Native, TypeScript, AWS, GitLab CI

### Bankerise - Digital Banking Solution                             Nov 2021 – Apr 2022

An omnichannel digital banking platform offering comprehensive retail banking services.

- Designed animated UIs and interactive native charts, enhancing customer engagement.
- Automated CI/CD pipelines, reducing deployment times by 50%.

**Tech Stack:** React Native, Firebase, Fastlane

### RTA Dubai Drive - A Personalized App for Dubai Road Users        Oct 2020 – Oct 2021

A mobility app tailored for road users in Dubai.

- Delivered enhanced search functionality utilizing Elasticsearch and voice interaction.
- Ensured high performance by maintaining seamless integration with IBM MobileFirst.

**Tech Stack:** Cordova, JQuery, BackboneJS, Elasticsearch

## Education

- **National Engineer Diploma in Computer Engineering**                2020 - 2023
  EPI - International Multidisciplinary School
- **Bachelor's Degree in Computer Networks**                           2017 - 2020
  Higher Institute of Computer Science and Communication Technologies

## Skills

**Programming Languages:** JavaScript, TypeScript, HTML, CSS, Java, C#
**Frameworks and Libraries:** React, Node.js, NestJs, Spring Boot , dotnet
**Tools and Technologies:** Git, CI/CD, Docker, MySQL, Redis, OAuth 2.0
**Soft Skills:** Effective Communication, Team Collaboration, Problem-Solving, Time Management, Adaptability