

Bassem Nasr

bassemnaser124@gmail.com | 20492801 | Mahdia

EDUCATION

ISIMS Tunisia

Bachelor of Science in Media Informatics – Specialization in Big Data Analysis

GPA: 86

Relevant coursework: Data Structures and Algorithms, Database Systems, Big Data Analysis, Object-Oriented Programming, Web Development, Mobile Application Development

Sfax, Tunisia

2027

High Institute of computer Science and multimedia

High School Diploma

Sfax

2024

EXPERIENCE

Freelance Flutter Developer

Self-Employed

Tunisia

2024 - Present

- Developed small mobile applications using Flutter and Dart, focusing on responsive UI and smooth user experience.
- Implemented state management patterns such as Provider to handle app logic and data flow efficiently.
- Integrated local storage solutions like SharedPreferences to persist user settings and task-related data.
- Collaborated with online communities and open-source resources to debug issues, optimize performance, and follow best practices.

Junior Software Developer Intern

Not specified

Tunisia

2022 - Not specified

- Collaborated on small-scale software features using Python, C++, and JavaScript to strengthen understanding of core programming concepts.
- Implemented basic bug fixes and code refactoring tasks, improving readability and maintainability of existing modules.
- Assisted in integrating simple database operations using MySQL and SQL, supporting data storage and retrieval for test applications.
- Participated in code reviews and team discussions, applying feedback to enhance coding style and problem-solving approaches.

UNIVERSITY PROJECTS

Flutter Task Management App

Not specified – Not specified

- **Description:** Built a mobile task management application allowing users to create, edit, and organize daily tasks with a clean interface.
- **Role:** Led end-to-end development, from UI design to implementation of core task features and local storage.
- **Technologies Used:** Flutter, Dart, Provider, SharedPreferences, Git, GitHub, fl_chart
- **Outcome:** Delivered a functional app demonstrating solid understanding of state management and local persistence, improving productivity workflows and showcasing Flutter skills in a portfolio-ready project.

Flutter Fitness Tracking App

Not specified – Not specified

- **Description:** Designed and implemented a fitness tracking app that monitors water intake, tracks steps, and visualizes data with charts.
- **Role:** Developed the app's core features, UI components, and basic data visualization while ensuring a clean and intuitive user experience.
- **Technologies Used:** Flutter, Dart, fl_chart, Git, GitHub, local storage solutions
- **Outcome:** Produced a visually appealing prototype that highlights UI/UX awareness and the ability to handle user data and charts in a mobile environment.

C++ Practice Website & Date Management System

Not specified – Not specified

- **Description:** Created a web-based C++ practice platform with exercises, database-backed tracking, and a separate OOP date management system for validation and calculations.
- **Role:** Implemented backend logic, database schema, and core OOP functionalities while contributing to front-end structure and admin features.
- **Technologies Used:** C++, PHP, HTML, CSS, MySQL, SQL, Git, GitHub
- **Outcome:** Strengthened understanding of full-stack concepts, object-oriented programming, and database integration through practical, problem-focused projects.

ACTIVITIES

Independent Software Development Practice

2020 – Present

- **Description:** Dedicated 4–5 hours per day to self-learning programming, mobile development, and database systems through online courses and personal projects.
- **Skills Developed:** Time management, problem-solving, self-discipline, ability to learn new technologies quickly, and practical implementation of theoretical concepts.
- **Achievements:** Built multiple functional demo applications and systems, significantly improving coding fluency and confidence in Flutter and C++.

Online Developer Communities & Forums

2020 – Present

- **Description:** Participated in online programming communities, discussing solutions, reading technical posts, and following best practices in software development.
- **Skills Developed:** Communication, collaboration, debugging, code review mindset, and familiarity with industry standards and tools such as Git and GitHub.
- **Achievements:** Resolved various coding challenges, contributed to Q&A discussions, and gathered feedback to refine project implementations.

ADDITIONAL

Language Skills:

Arabic (Native), French (Intermediate), English (Intermediate), Italian (Beginner - A1)

Technical Skills:

Programming: Python, C, C++, JavaScript, Dart; Mobile: Flutter; Web: HTML, CSS, PHP; Databases: MySQL, SQL; Tools: Git, GitHub, Provider, SharedPreferences, fl_chart

Volunteer Experience:

Not specified

Interests/Hobbies:

Interested in mobile applications, AI integration, and modern UI/UX design; enjoys exploring new frameworks and building experimental apps to test new ideas.