

# IBTISSAM ELGUERDI

## SOFTWARE ENGINEER

Morocco

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Anglais

Français

Arabe



### PROFESSIONAL PROFILE

A dedicated Software Engineer with expertise in mobile app development using Flutter and backend technologies like Firebase, MongoDB, and SQL. Experienced in delivering full-stack applications from concept to deployment, integrating AI-powered features, and creating responsive UI/UX designs. Skilled in Agile methodologies and passionate about delivering innovative software solutions.

### SKILLS

- ♦ **Programming Languages:** Flutter, Dart, JavaScript, C, C++, C#, PHP, Python.
- ♦ **Web Technologies :** HTML5, CSS, Node.js, XML, JSON, REST API, ASP.net .
- ♦ **Databases :** SQL, MYSQL, MongoDB, Firebase.
- ♦ **IDE :** Android Studio, Eclipse, Visual Studio, Visual Studio Code, PyCharm.
- ♦ **Version Control Systems :** GitHub, BitBucket, FileZilla.
- ♦ **Graphing and Diagramming Software :** Draw.io, Figma, Miro.
- ♦ **Task Management - External Tools:** Trello, Adobe Photoshop, PostMan, Adobe Illustrator.

### EDUCATIONS

#### State Engineer in Computer Science and Networks

École Marocaine des Sciences de l'Ingénieur (EMSI)

2021 – 2024

#### Specialized Technician in Computer Development

Office de la Formation Professionnelle et de la Promotion du Travail (OFPPT)

2019 – 2021

#### Baccalaureate in Physical Sciences and Chemistry

Groupe Scolaire L'Atome

2017– 2018

### PROFESSIONAL EXPERIENCES

#### Mobile Development Engineer, Internship

March 2024 - August 2024

CIH Bank, Casablanca

- ♦ Developed a complete mobile application using Flutter and Firebase.
- ♦ Integrated an AI-powered chatbot and automated bill scanner using Google ML Kit.
- ♦ Designed a comprehensive expense management system for tracking bank balances .
- ♦ Applied Agile methodology throughout the project lifecycle.

#### Flutter Developer, Freelancer

2021 – 2024

- ♦ Developed complete mobile applications from initial concept to deployment on the Google Play Store.
- ♦ Create and maintain the server-side application logic.
- ♦ Managed the entire development lifecycle, including coding, testing, and debugging.
- ♦ Implement APIs to facilitate communication between the front-end and back-end.

**Inventory Management System Developer,, Internship***Juillet 2023 - Septembre 2023**EMSI, Casablanca*

- ♦ Designed and implemented a complete inventory management system using PHP and MySQL.
- ♦ Created and maintained a database schema for efficient data storage and retrieval.
- ♦ Developed a user-friendly interface for inventory management, including adding, updating, and deleting records.

**Messaging App Developer, Internship***July 2023 - September 2023**EMSI, Morocco*

- ♦ Developed a WhatsApp clone application using Flutter and Firebase, featuring instant messaging, voice, and video calls.
- ♦ Used Firebase Cloud Firestore to implement real-time messaging capabilities.
- ♦ Designed and implemented a user-friendly interface with a focus on UX/UI principles .

**Graphical Component Developer (Low-Code/No-Code), Internship***July 2022 - August 2022**Citt, Morocco*

- ♦ Developed innovative graphic components for a Low-Code/No-Code platform using Vue.js.
- ♦ Implemented drag-and-drop functionality and real-time visual updates to enhance usability and interactivity.
- ♦ Collaborated with the design team to ensure components met aesthetic and functional requirements.

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**Certificates****Flutter and Dart : Udemy****Machine Learning for All : Coursera, University of London****Python Functions, Files, and Dictionaries : Coursera, University of Michigan****Back-End Development with Node.js and Express : Coursera, University of Michigan**