Rajhi Ismail | Computer Science Student

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○ RAJHI-ISMAIL

Summary

Passionate Computer Science student at FSM (Faculty of Science of Monastir) with hands-on experience in full-stack web development, mobile app development, and machine learning. Proficient in building responsive web applications, cross-platform mobile apps, and implementing AI-driven solutions. Eager to leverage modern technologies and best practices to solve real-world problems and contribute to innovative projects.

Education

Faculty of Science of Monastir (FSM)   Monastir, Tunisia
Bachelor's Degree in Computer Science   *2023–Present*
- Focus on software engineering, algorithms, and artificial intelligence
- Relevant coursework: Data Structures, Machine Learning, Database Systems, Web Development

Technical Skills

Programming Languages

Proficient: Python, JavaScript, Dart, Java, HTML/CSS

Familiar: SQL, C/C++

Frameworks & Technologies

Web: Flutter (Web), React, Node.js, Bootstrap

Mobile: Flutter, Dart

Backend: TMDB API, OpenWeatherMap API

Database: MySQL, Firebase, MongoDB

ML/AI: Scikit-learn, Pandas, NumPy, Matplotlib, TensorFlow (basic)

Tools: Git, GitHub

Soft Skills

Problem-Solving, Teamwork, Time Management, Adaptability, Creativity, Self-Learning, Attention to Detail

Projects

Flutter, Dart, TMDB API
CineScope
- Developed a mobile app to search and explore movies/TV shows using TMDB API
- Displayed detailed information: ratings, cast, synopsis, release dates, trailers
- Improved skills in API integration, JSON parsing, and asynchronous programming in Flutter

Python, Scikit-learn
Olympic Medal Prediction
- Predicted Olympic medal counts based on historical data using regression models
- Handled data cleaning, feature selection, model training, evaluation, and optimization
- Utilized Pandas, NumPy, Matplotlib, and Scikit-learn
- Achieved accurate predictions through iterative model refinement and hyperparameter tuning

Flutter, Dart, OpenWeatherMap API
Weather Application

○ Built a cross-platform weather app providing real-time weather updates and 7-day forecasts
○ Integrated OpenWeatherMap API for live weather data and smooth animations
○ Implemented clean UI/UX design with state management and asynchronous programming in Dart

HTML, CSS, Bootstrap, JavaScript
Personal Portfolio Website
○ Developed a responsive single-page portfolio to showcase projects, skills, and contact information
○ Implemented modern design principles: glassmorphism effects, smooth animations, dark theme aesthetics
○ Strengthened front-end development and responsive design skills

Java, MySQL
Gym Management System
○ Developed a desktop app for managing gym members, trainers, and subscriptions
○ Implemented user authentication, relational database design, and CRUD operations
○ Gained experience with Java Swing for GUI development and software architecture

Languages

Arabic: Native

French: Fluent

English: Fluent (Technical/Professional)

Interests

Machine Learning & AI, Web & Mobile Development, Open Source Contribution, Problem Solving, Continuous Learning