Maram Sayer Alshammary

Software and AI Developer | Building Intelligent Applications

Maramalshammary12@icloud.com | +966554631383 | Riyadh, Saudi Arabia | linkedIn: linkedin.com/in/maram-sayer

GitHub: github.com/romey101

Education

Imam Mohammed bin Saud Islamic University,   2020 – 2025 | Riyadh, Saudi Arabia
Bachelor's in Computer Science, with 4.77/5 GPA and First Class Honors.

Professional Experience

Tahakom, *NLP Developer - COOP Training Program*   03/2025 – 06/2025 | Riyadh, Saudi Arabia
- Designed and deployed an AI system to automate supplier bid proposal evaluations for the supply chain department.
- Integrated LLMs for intelligent document parsing, requirement matching, compliance scoring, and automated assessment generation.
- Replaced 7 manual evaluation tasks with fully automated features.
- Followed an Agile methodology with iterative sprint cycles.

Apple Developer Academy - Tuwaiq, *iOS Developer - One Year Program*   09/2024 – 06/2025 | Riyadh, Saudi Arabia
- Designed, built, and deployed four iOS applications across domains such as finance, entertainment, human resources, and accessibility.
- Developed user interfaces and backend logic using MVC and MVVM architectural patterns; and integrated with RESTful APIs.
- Implemented AI-powered features by integrating CoreML and GPT-4o into two applications to enhance user experiences.
- Participated in workshops on software engineering, databases, AI, project management, and UI/UX design.
- Collaborated in sprints and a challenge based driven environment with the mentorship of Apple engineers, conducting regular peer code reviews and maintenance.

Bootcamps and Programs

Data Science and Machine Learning, *Tuwaiq Academy*   07/2025 – 09/2025 | Riyadh, Saudi Arabia
- Gained experience in Python programming, data preprocessing using pandas and NumPy, statistical analysis, and developing machine learning models with scikit-learn, TensorFlow, and PyTorch, with a strong emphasis on exploratory data analysis (EDA). Developed and deployed projects using tools like Streamlit, FastAPI, and Docker. Strengthened data visualization skills using Plotly and Seaborn for interactive and insightful analytics.

Fundamentals of Software Testing - Cast, *Tuwaiq Academy*   03/2025 – 03/2025 | Riyadh, Saudi Arabia
- Covered key concepts such as testing across the software development lifecycle, static and dynamic testing techniques, test analysis and design, and test management practices. Gained practical experience in automated testing using the Cypress framework across various platforms, reinforcing skills in test planning, execution, and defect tracking.

Projects

GP - Software Requirements Elicitation   03/2024 – 02/2025
- An AI model developed using NLP techniques, deep learning models (BERT, GPT-4o), and Transformers to process over 60,000 user reviews, and automatically generate formal software requirements ready to impelemnt from unstructured data.

HireAI
- An iOS app developed using SwiftUI for responsive UI, Swift state management techniques, CoreML, and GPT-4o model, to simulates job interviews while users receive a real-time feedback on their answers with suggestions for improvement.

Darb - درب
- A responsive web app built using HTML/CSS, JavaScript, and PHP for interactive location search and routing, that enabled students and visitors to locate college buildings, faculty offices, and department directories.

Certificates

iOS developer — *Apple Developer Academy - Tuwaiq*

Fundamentals of software testing - Cast — *Tuwaiq Academy*

Distinguished Scrum Master. — *SWE contest, at IMAMU*

Distinguished Technical Team Lead — *Google Developer Student Clubs*

Skills and Languages

Programming Languages — Python, JavaScript, Java, Swift, C#, PHP, C++

Web Development — HTML, CSS, JavaScript, ReactJS, Angular, NodeJS, ExpressJS, Flask, FastAPI, Laravel.

Backend and Database: — MySQL, MongoDB, Firebase, RESTful APIs, Docker, JWT, GitHub Actions

Mobile App Development — Flutter, React Native, Swift, CoreML

Frameworks, Libraries, & APIs — TensorFlow, PyTorch, Transformers (Hugging Face), OpenAI API, CoreML, pandas, NumPy, Seaborn, Plotly, Flask, FastAPI, Streamlit, ExpressJS, ReactJS, Angular, NodeJS, REST APIs, Laravel, React Native, Flutter

Development Tools — VS Code, Xcode, Android Studio, Postman, Docker, GitHub Actions, cPanel

Version Control — Git, Github.

Languages — Arabic (Native), English (Fluent).