

Rym Baghdadi

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Full-Stack Software Engineer | AI Integration | System Design

SUMMARY

Full-Stack Developer with 3 years of experience building secure, scalable platforms using Python, PHP frameworks, and MySQL. Skilled in AI integrations, Currently expanding into ReactJs , ExpressJs and Typescript through Forward Mena advanced training. Comfortable working in agile teams, fast-paced environments, and client-facing projects.

CORE COMPETENCIES

Backend Development, AI Integration, Databases , System Design, RAG, Payment Processing, Git Workflows, CI/CD, Access Control, Caching & Memory Management, LLM Fundamentals.

EDUCATION

Master's Degree (M1) in Software Engineering | Lebanese University – Tripoli, Lebanon April 2024

Bachelor of Science in Computer Science | Lebanese University – Tripoli, Lebanon July 2023

PROFESSIONAL EXPERIENCE

Backend Engineer | Bitminds.ai June 2024 – July 2026

- Built a predictive maintenance feature that flags equipment failure risk before it happens by analyzing equipment history, service records, and warranty status, reducing unplanned downtime by 50%.
- Optimized complex MySQL queries and restructured backend logic, delivering significantly faster response times and stronger overall system reliability.
- Built a webhook-enabled payment API integrating 3–4+ bank APIs within a single application, enabling reliable multi-bank transaction processing.
- Designed an external demo data generator that populated complex dashboards, cutting environment setup time from several weeks to a few hours..
- Built interactive dashboards that cut reporting time by 60%, improving leadership's decision-making speed.
- Integrated multiple AI-powered workflow assistants that reduced admin operational load and improved daily efficiency.

Backend Developer Intern | UbilityAI December 2023 – May 2024

- Built and automated test suites using Robot Framework, improving overall test coverage while reducing the amount of time spent on manual testing.
- Developed reusable Python modules integrated with internal APIs and third-party external services, supporting cleaner code reuse across multiple backend project areas.
- Designed workflow automation scripts that significantly enhanced system reliability, cut repetitive operational tasks, and freed engineering time for higher-value backend work.

TRAINING AND CERTIFICATE

Fast Track to Senior | OnRamp Academy, Forward MENA

August 2026

An advanced 12-week program preparing software engineers for senior roles, covering databases, ExpressJs, Every type of API, cybersecurity, LLM Fundamentals, and Agile practices through live sessions and hands-on projects.

PROJECTS

AI-Powered CV matching Jobs and chatbot

2026

- Built a (RAG) system using LangChain that scrapes and processes ATS/CV data from trusted sources, then answers user queries from a verified knowledge base and matches candidates to relevant jobs based on their CV content and preferences.
- **Technologies Used:** Python, LangChain, OpenAI API, Web Scraping.

Zayaina AI Fashion Recommendation Platform

2026

- Designed and developed an innovative AI-powered fashion recommendation platform delivering personalized clothing suggestions based on user preferences, styles, colors, and specific event requirements, learning individual preferences over time to simplify the overall shopping experience.
- **Technologies Used:** PHP, ReactJS, MySQL.

AI-Powered Fitness Application

2026

- intelligent fitness platform generating personalized nutrition and workout plans based on individual health conditions and fitness goals, tracking daily adherence, and providing tailored AI-driven lifestyle guidance.
- **Technologies Used:** ReactJS, ExpressJS, PostgreSQL.

Election Management System

2025

- Contributed to a comprehensive election management platform serving Lebanese citizens by building multiple interactive dashboards and core backend functionalities, giving users access to voter information, election insights, and operational data supporting transparent democratic processes.
- **Technologies Used:** PHP, Yii2, MySQL.

SKILLS

Technical Skills: PHP, Yii2, Python, JavaScript, React, Node.js, MySQL, RAG , langchain , PostgreSQL, REST APIs, Webhooks, Git, GitHub, Postman, Docker, Robot Framework, Framework7, Cordova, SCSS.

Soft Skills: Communication, Problem Solving, Team Collaboration, Attention to Detail, Fast Learner, Adaptability, Critical Thinking, Time Management, Reliability, Curiosity, Patience.

LANGUAGES

Arabic (native), **English** (professional working), **French** (intermediate).