

KATIA BERBERY

Louaizeh, Lebanon | +961 70936189 | kberbery89@gmail.com <https://www.linkedin.com/in/katia-berbery-03b9b1219/>

PROFILE SUMMARY

Skilled Software Developer with strong expertise in backend development, APIs, and scalable web applications. Proficient in Magnolia CMS, Java, React, SQL, and Python, with experience building dynamic user experiences and robust backend systems. Currently developing a quiz game app and an HR recruitment platform as part of the Onramp Full-Stack Developer program. Published a Master's research paper on cybersecurity in IEEE SmartNet. Passionate about delivering high-quality code, optimizing performance, and contributing to innovative software solutions.

EDUCATION

- Arab Open University – Lebanon
- Master of Cybersecurity and Forensics, Information Technology (2021 – 2025) Research paper published in IEEE SmartNet
- Bachelor of Computer Science (2010 – 2015)

TECHNICAL SKILLS

- Programming & Web: Java, HTML, CSS/Tailwind CSS, React (JS), SQL, FTL, YAML
- Frameworks & Tools: Magnolia CMS, API development, Node.js, Next.js Git/GitHub, Docker
- Data & Machine Learning: Python (ML basics), Database management
- Other Skills: Time management, Effective communication, Problem solving
- Languages: Arabic (Fluent), English (Intermediate), French (Intermediate)

PROJECTS

Quiz Game App (2025 – Ongoing)

- Designed and developed a cross-platform trivia app with real-time question flow controlled by an admin dashboard.
- Implemented features such as session-based team joining, score tracking, and media integration.
- Tech Stack: React Native, Node.js, Socket.IO, PostgreSQL.

HR Recruitment App (Onramp Full-Stack Program) (2025)

- Built backend services and APIs for recruitment workflows (job postings, candidate management, authentication).
- Focus on scalability, security, and integration with third-party tools.
- Tech Stack: Next.js, Express, PostgreSQL, Prisma, Docker.

Master's Research Paper (Published 2025, IEEE SmartNet)

- Conducted cybersecurity research focused on cyberbullying detection on social media platforms such as Twitter. [Cyberbullying Dataset Collection for an Enhanced Automatic Detection on Twitter Using Deep Learning Techniques](#)

- Published findings as part of academic contribution to smart networks.

EXPERIENCE

Solutions CTC – Magnolia Developer (July 2024 – Present)

- Develop and implement web components and full websites ensuring high-quality, dynamic user experiences.
- Configure content models and workflows using YAML.
- Optimize websites for performance, accessibility, and SEO.
- Troubleshoot and debug issues to maintain functionality and improve existing systems.

Lebanese General Security – Data Entry (2017 – 2024)

- Managed sensitive and critical data while ensuring compliance with security standards.
- Updated and maintained databases with high levels of accuracy.
- Collaborated with cross-functional teams to ensure efficiency in operations.

MetroSuperstore – Assistant Manager (2009 – 2017)

- Handled purchase orders, inventories, and promotional displays.
- Improved stock management processes to reduce shortages and streamline operations.