

# Razan Ghrayeb

Beirut, Lebanon

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## EXPERIENCE

### Freelance Software Developer

2025 – Present

- Built mobile apps with React Native and full e-commerce sites.
- Developed responsive UIs using React, Next.js, and Tailwind CSS.
- Created backend APIs with Node.js, Express, and Django.

### Frontend Developer Intern - BrainKets, On-Site

Jul 2025 – Aug 2025

- Built scalable frontend systems with Next.js, React.js, and Tailwind CSS using SSR, SSG, and CSR. Improved performance and modularity through reusable components and best coding practices.

### Frontend Developer Intern - GalacTech, Online

Feb 2025 – Apr 2025

- Developed and optimized responsive UI components using React.js and Tailwind CSS, improving user experience and load times.

## EDUCATION

Lebanese American University, Beirut, Lebanon

Expected Graduation: June 2026

B.Sc. in Computer Science

## TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, Java, PHP, TypeScript, JavaScript
- **Front-End:** React, React Native, Next.js, Tailwind CSS
- **Back-End:** Node.js, Express, Django
- **Machine Learning / Data Science:** TensorFlow, NumPy, Pandas, Matplotlib, Scikit-learn
- **Tools:** Git, GitHub, AWS, Docker, Postman

## PROJECTS

- **AI Restaurant Assistant App:** Engineered a full-stack AI-powered mobile app where users place voice orders via a smart assistant, automating end-to-end restaurant workflows. Deployed a scalable Node.js + MySQL backend on AWS EC2, integrated real-time APIs, a custom management panel, and automated WhatsApp alerts, reducing manual coordination by 90%.
- **AI HR Assistant :** Built an AI-powered HR assistant with tool-calling capabilities to answer employee queries, retrieve employee details, check leave balances, and generate interview questions.
- **RAG-Powered Assistant :** Developed a RAG-powered assistant that enables PDF/text search by embedding, storing, retrieving, and generating context-aware answers from documents.
- **Credit Card Fraud Detection :** Implemented anomaly detection using Isolation Forest and One-Class SVM. Evaluated performance using precision, recall, and F1-score to ensure high detection accuracy.
- **Chest X-Ray Disease Detection :** Built CNN and transfer learning models (VGG16, ResNet, MobileNet) for pneumonia classification. Included image preprocessing, augmentation, and evaluation.
- **Bookstore :** Developed a full-stack e-commerce bookstore with browsing, cart, wishlist, and session management.
- **Basketball Club Management System :** Created a Python/Django platform for member registration, scheduling, and payments. Enabled club administrators to manage activities efficiently.

## EXTRACURRICULAR ACTIVITIES

- AIESEC
- AHLA Fawda
- BASSMA
- Life Sculptor
- SWIM