

Beirut, Lebanon  
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## Jaafar Al Rifai

Portfolio: [jaafar-portfolio.netlify.app](https://jaafar-portfolio.netlify.app)  
LinkedIn: [linkedin.com/in/JaafarAl-Rifai](https://linkedin.com/in/JaafarAl-Rifai)  
GitHub: [github.com/Jaafar-ALrifai](https://github.com/Jaafar-ALrifai)

Full-Stack Engineer & AI Developer specializing in building scalable applications with integrated machine learning solutions, optimizing system performance, and creating intelligent user experiences.

## Work Experience

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### Backend Developer Intern

#### Wish Money

Summer 2025

Beirut, Lebanon

- Developed and maintained robust backend services using Node.js and Python, contributing to the core payment processing infrastructure.
- Assisted in the design and optimization of RESTful APIs, improving data exchange efficiency between internal systems and third-party services.
- Participated in database management tasks, including writing optimized SQL queries and contributing to schema design for financial data.
- Supported the integration of financial service providers and security protocols to enhance platform reliability and data protection.

### Web Developer

#### Al Hayat Toys

2023-2024

Baalback, Lebanon

- Designed and launched a high-performance e-commerce platform using React, Node.js, and MongoDB, leading to a 30% increase in user engagement.
- Enhanced front-end performance by reducing load times by 40% through server-side rendering (SSR), lazy loading, and strategic code splitting.
- Built a robust and scalable back-end architecture with Express and GraphQL, enabling real-time inventory management.
- Implemented secure authentication workflows using JWT and OAuth2, and integrated third-party services including Stripe for payments and AWS S3 for asset storage.

### Software Developer Intern

#### The Lebanese Organization for Studies and Training

Summer 2022

Baalback, Lebanon

- Developed and optimized internal web tools, enhancing operational efficiency.
- Assisted in database management and API integrations, improving data accessibility.
- Collaborated with teams to enhance platform security and user experience.

## Technologies and Languages

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- **AI & ML:** Machine Learning, Deep Learning, LLMs, Generative AI, NLP
- **Programming Languages:** Java, JavaScript (ES6+), TypeScript, PHP, Python
- **Frontend Technologies:** React, React Native, HTML5, CSS3, Bootstrap, jQuery
- **Backend Technologies:** Node.js, Express, Laravel, REST APIs, GraphQL, WebSockets
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Version Control & Collaboration:** Git, GitHub, Agile/Scrum
- **Security & Authentication:** JWT, OAuth2

## Education and Certifications

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- **B.Sc. Computer Science** | University of Cnam, France

2022–2024

## Projects and Volunteer Work

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- **[Salameh Tools](#)** – Developed a high-performance e-commerce platform for Salameh Company, integrating secure user authentication, an advanced administrative dashboard, and a seamless customer shopping experience. Built with a modern tech stack to ensure scalability, security, and maintainability.
- **[AI Project](#)** – Developed solutions in machine learning, deep learning, large language models (LLMs), and generative AI, with applications in data analysis, NLP, and predictive analytics.
- **[Verveum](#)** – Developed an immersive virtual museum platform featuring interactive 3D galleries, audio guides, and educational timelines. Built with Three.js, HTML5, CSS3, and JavaScript for a rich cross-device experience.
- **[LED Zone](#)** – Built a dynamic website showcasing LED products with real-time updates through API integrations. Utilized HTML, CSS, PHP, and JavaScript to deliver an interactive and responsive experience.
- **[SnapVista](#)** – Developed a mobile application for capturing and sharing high-quality photos, integrating real-time API data to deliver dynamic content and a seamless user experience. Built with React Native and RESTful APIs, the app ensures fast, responsive, and secure interactions across iOS and Android platforms.

## Other Sections

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### Certifications and Courses :

- **Machine Learning, Deep Learning, LLM & Generative AI** - [zakker.ai](#) (2025)
- **Master Node.js & Deno.js** - Udemy (2024)
- **React - The Complete Guide (incl. Hooks, React Router, Redux)** - Udemy (2024)
- **React Native - The Complete Guide** - Udemy (2024)

- **Management Leadership Skills** - Certified (2023)
- **Mobile Application and Technology** - Certified (2023)
- **CCNA7: ITN Cisco** - Certified (2022)
- **Python Programming Course** - Udemy (2022)

## Interests

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- Software architecture, system scalability, emerging technologies, performance optimization, innovative development approaches, and continuous learning in cutting-edge technological advancements.