JEAN MARC N. BOULOS

SYSTEMS ANALYST ENGINEER – HR INFORMATION SYSTEM – FULL STACK DEVELOPER

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I'm Jean Marc BOULOS, a full stack developer with 11+ years of experience in creating user-focused digital solutions. Skilled in React, Next.js, Node.js, and most databases, I bring both front-end and back-end expertise. I've worked with clients of all sizes to align technical solutions with business needs.

WORK EXPERIENCE

Systems Analyst Engineer in Human Resources — May/2022 - Present
Hôtel-Dieu de France

- Led face detection time attendance and HRIS configurations and performance management.
- Built Python tools for image background removal, PDF editing, and automated Excel-to-text conversion.
- Designed a six-figure indoor 3D map and a test navigation map using Three.js and Anime.js.

HR Information System — February/2021 - Present
Hôtel-Dieu de France

- Fixed employee images and interfaces with Python.
- Set up a secure local network for private file sharing.
- Configured MenalTech systems for payroll, HR management, self-service and performance management.

Assistant Manager Human Resources — March/2017 - January/2021
Hôtel-Dieu de France

- Print magnetic cards and managing data in its MS Access database.
- Managed performance evaluations and employee vacancies using Mena Systems.

Full Stack Developer — May/2023 - July/2023
Bright Volcano

- Developed SEO tools, front-end projects, and complex applications with HTML, CSS, JavaScript, and PHP.
- Designs webpages and manages hosting with cPanel functions.

MW3 Junior Servers Moderator — September/2012 - October/2014
Activision Blizzard

- Developed security scripts and structured maps/GUI movements using C# within Activision's servers.
- Monitored player activity and enforced rules on third-party app users.

EDUCATION

Harvard University (USA) – University of Oxford (UK) – LAU/AUB (LB) (Optional) — 20XX - 20XX

- Intend to pursue an Executive Doctorate in CS or CCE with a company that values education and growth.

University of Saint Joseph of Beirut (USJ) (Optional)

- Executive MBA International Paris (Triple diploma : Dauphine–PSL, Sorbonne, USJ) — **20XX - 20XX**

Arts, Science and Technology University in Lebanon (AUL)

- Master of Science in Computer and Communication Engineering. — **October/2021 - October/2023**
- Bachelor of Science in Computer and Communication Engineering. — **October/2015 - October/2021**

CERTIFICATES

- Labor Law Workshop, taught by NDU-SAGESSE's attorney — **June/2025 – June/2025**
- French Language Aptitude Test (TALF), University of Saint Joseph of Beirut — **January/2025 - May/2025**
- Key Performance Indicators Management, Syndicate of hospitals in Lebanon — **June/2024 - June/2024**
- Cybersecurity (+CIS Security Controls, Risk Management), USJ–IBM–Arcshields — **Feb/2024 - March/2024**
- CS50W: Web Programming with Python and JavaScript, Harvard University — **July/2023 - December/2023**
- Cisco Certified Network Associate (CCNA) – Routing & Switching — **August/2019 - February/2020**

TECHNICAL SKILLS

- *Programming***:** PHP, JavaScript, Django, Next.js, React.js, Tailwind CSS, Typescript.
- **Business & Client Management:** Account Management, Client Relationship Management, Contract Negotiation.
- **Software & Systems**: CRM & ERP Software.

PROJECT EXPERIENCE

Freelance – Hotel Booking using admin/client dashboard and reservations   **April/2025 - May/2025**
- Used Technologies: RBAC, auth, dynamic UI, and PostgreSQL using Next.js, Prisma and Stripe.

Freelance – Advanced NextJs 15 ecommerce Shop   **February/2025 - April/2025**
- Used Technologies: React, NextJs 15, TypeScript, TailwindCSS, Zustand, Shadcn, Stripe, Clerk

Freelance – *IntelliApps (a multi AI website)*   **January/2025 - January/2025**
- AI apps with React, NextJs, TypeScript, MongoDB, Tailwind, Shadcn, Google Gemini, Stripe Webhooks.

Freelance – *Home-away Project*   **October/2024 - November/2024**
- Airbnb-like App: Next.js 14+, TypeScript, Clerk, Prisma, Supabase, Tailwind, Shadcn, Zod, Vercel.

Freelance – *Next.js Developer Portfolio*   **August/2024 - August/2024**
- A stunning portfolio website with Next.js, React.js, Typescript, Tailwind CSS and Framer-motion.

Condor Web Texas – *Online Food Restaurant*   **January/2024 - March/2024**
- Built with Django, PostgreSQL, PostGIS, Google Maps API for location services and order management.
- Includes dynamic tax, responsive design, and automated email templates for seamless user experience.

Freelance – *Django advanced E-Commerce*   *November/*2023 - December/2023*
- E-commerce with cart, reviews, checkout, tracking, and admin tools.
- Used Technologies: Python, Django, React, Redux, PostgreSQL.

Binaries-lb – *PDF Report-Invoice receipt*   **June/2023 - July/2023**
- Full stack Report-Invoice website creation using PHP, JS, CSS and MySQL.
- Generated the Report-Invoice using PHP, TCPDF and MySQL.

Hôtel-Dieu de France – *Six Figures Indoor 360 Map (Three.js)*   **June/2023 - June/2023**
- Created a six-figure 3D indoor navigation map using Three.js for interactive spatial guidance.

Bright Volcano – *150Days150Projects*   **May/2023 - October/2023**
- Each project teaches new skills in HTM, JavaScript and CSS.
- Finish at your pace and gain confidence to build your own projects.

Hôtel-Dieu de France – *Photo Quality Enhancer (Python)*   *April/*2023 - *April/*2023*
- Enhances photo sharpness and color using Python.
- improvements for clearer, detailed images.

Hôtel-Dieu de France – UHD *Image Background Remover (Python)*   **December/2021 - December/2021**
- FHD background removal without any cost, unlike subscription services.
- Designed for swift, precise background removal with top image quality.

AUL Senior Project – *University Online ID Card Generator*   **October/2016 - May/2023**
- Secure system with encrypted login, user roles, and data export options.
- Instant Online ID card generation with Chabot AI assistance for a seamless user experience.

HONORS & AWARDS

Recognition and Friendship HR Performance Leadership Award   **October 2017**
- Honored by HDF Hospital for implementing and leading an HR performance and appraisal system.