

Michel Jahshan

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Education

- Sept 2025 – Present: Notre Dame University, Zouk, Lebanon – Master of Science in Computer Science
- 2021 – 2025: Notre Dame University, Zouk, Lebanon – Bachelor of Science in Computer Science ABET-Accredited Program with High Distinction

Technical Skills

- Languages: JavaScript, Python, PHP, Dart, C++, C#, SQL
- Frontend: React.js, React Three Fiber, Tailwind CSS, GSAP, Flutter, Electron.js
- Backend: Node.js, Express.js, Django
- Databases: MySQL, MongoDB, Supabase, Firebase
- Cloud: Google Cloud, Azure
- DevOps: Git, GitHub Actions, Netlify

Experience

- March 2025 – Present: Web Developer at *Horiverde*
 - Developed responsive web applications and admin dashboards using React.js integrated with Express.js REST APIs
 - Developed a responsive React.js website featuring interactive 3D models and scroll-triggered animations using React Three Fiber, GSAP and Tailwind CSS
 - Developed an Electron.js desktop launcher for accessing, managing, and launching interactive 3D experiences
 - Designed and implemented CI/CD pipelines using GitHub Actions and custom deployment scripts to automate production releases
 - Built reusable UI components, integrated REST APIs, and collaborated through Git-based workflows to improve application maintainability
- June 1, 2024 – August 31, 2024: Internship at *AIHC International Ltd*
 - Developed a full-stack Learning Management System mobile application using Django (with MySQL and MongoDB) and Flutter for Android
 - Designed and implemented RESTful APIs in Django for seamless communication between the Flutter frontend and online databases
 - Collaborated with team members to deploy and test features using Google Cloud

Projects

- Pipe Club of Lebanon – Full-stack Website & CMS
 - Developed and deployed a responsive, fully dynamic website and custom content management system using React.js, Tailwind CSS, PHP, MySQL, and Apache
 - Built an admin dashboard and page builder for managing members, events, competitions, results, articles, publications, media uploads, and site content
 - Implemented secure REST APIs, session authentication, CSRF protection, password recovery, file uploads, and database-driven content management
 - Added technical SEO through server-rendered crawlable content, dynamic metadata, canonical URLs, XML sitemaps, robots directives, and proper HTTP status handling
 - Live website: <https://pipecluboflebanon.org/>
- Virdex – Full-stack Pokédex Website
 - Developed and deployed a responsive Pokédex web application using React.js, Tailwind CSS, PHP, and TanStack Query
 - Built a PHP backend sync/cache layer that serves local JSON Pokémon data and prevents direct client-side requests to PokeAPI
 - Implemented searchable Pokémon browsing, detailed Pokémon pages, favorites, light/dark themes, route scroll restoration, and loading skeletons
 - Added secure API routing, local data caching, responsive UI/UX improvements, and subdomain deployment support for shared hosting
 - Live website: <https://virdex.micheljahshan.com/>
- Newvel – B.S Senior Project
 - Developed the frontend of a mobile storytelling platform using Flutter, connected to an ASP.NET backend hosted on Azure and Supabase
 - Designed and implemented a unique branching system for interactive and collaborative storytelling
- Frivia
 - Created a Flutter quiz app that fetches dynamic questions in real-time from the Trivia API with score tracking
- Coincap
 - Developed a cryptocurrency tracker app in Flutter using the CoinGecko API to display live prices and information

Workshops

- Notre Dame University Computer Science Summer Camp (15–26 July 2019) – Python Programming