

Mohamad Serhan

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Summary of Qualifications

Experienced Python and JavaScript developer skilled in Odoo ERP customization, backend optimization, and full-stack development. Proven track record in delivering high-impact solutions by building and integrating scalable modules to streamline business processes. Proficient in modern web frameworks (React, Node.js, AWS) with expertise in supporting dynamic tech environments and driving operational efficiency.

Tech Stack:

- **Frontend:** JavaScript, HTML, CSS, React, Angular, Tailwind CSS, Ant Design
- **Backend:** Node.js, Express, Python, Odoo
- **Databases:** Dynamo DB, MySQL, PostgreSQL
- **Cloud/DevOps:** AWS Lambda, S3, Git | **Languages:** English, Arabic

Experience

- Jan 23 – Aug 24 **Tecomsa – Python Developer**
- Developed 5+ Odoo ERP modules, enhancing functionality by 30% for client-specific needs.
 - Built REST APIs, optimizing response time by 20%.
 - Led client meetings to gather requirements, achieving a 15% improvement in project timelines.
- Mar 21 – Mar 22 **Top Interns – Full Stack Web Developer**
Quizzing app for TopIntern trainers to test students
- Designed teachers' UI interfaces using Figma, HTML5 + Tailwind CSS.
 - Used TDD, Unit tested using Jest for React and NodeJs APIs.
 - Developed teacher's front end using React, Redux & used Axios for Ajax.
 - Built REST APIs using NodeJs, Express framework.
 - Designed NoSQL database in Dynamo DB.
 - Deployed microservices in AWS using server-less S3, Lambda.
- July – Oct 21 **Souqalmal – Front End Web Developer Virtual Internship**
- Designed an entry point with Angular, Angular Material, and Sass.
 - Implemented banking journey components in React with Ant Design and Redux.
 - Used Typescript as the scripting language.

Education

- Oct 14 – Jun 20 **Lebanese International University, Lebanon**
Masters in Computer and Communication Engineering.
Land mine detector drone: Drone, Arduino, Bluetooth chip, GPS, metal sensor, 9v.
Website for an online pizza shop: using HTML, CSS, and PHP.

Community Involvement

- Mar 24 – present **Lebanese Red Cross - (volunteer)**