

CHADI OSSEIRAN

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EDUCATION

Lebanese American University, Beirut, Lebanon

Sep. 2014 – 20 July 2018

Bachelor of Sciences in Computer Science

- **Programming Coursework:** Algorithms & Data Structures, Operating Systems, Networks, Software Engineer
- **EE Coursework:** Computer Security, AI, Game Programming, Computer Graphics, Social Ethic

WORK EXPERIENCE

Founder & CEO, Technical Lead (CTO) Coverse Technologies, Beirut, Lebanon Since October 2024 - till present

As the Founder and CEO of Coverse Technologies, I oversee the overall strategic direction of the company while serving as the primary Technical Lead across all development projects. My role involves a blend of high-level leadership and hands-on technical guidance, ensuring that our solutions are innovative, scalable, and aligned with client needs.

Leadership & Strategic Oversight:

- Founded and grew Coverse Technologies from concept to a thriving technology solutions company.
- Defined company vision and strategic goals, driving business development and client acquisition efforts.
- Cultivated a team of talented developers, fostering a collaborative and innovative work environment.
- Managed relationships with key stakeholders and partners to ensure seamless project delivery and long-term partnerships.

Technical Leadership & Development:

- Spearheaded the design and architecture of software solutions for fintech, e-commerce and other industries.
- Acted as the Technical Lead on all projects, providing hands-on guidance in development, system architecture, and code reviews.
- Architected and implemented scalable solutions using [Ionic / Angular, AWS, Node.js, Nest.js, React, etc.], ensuring robust, secure, and high-performance applications.

- Managed the full software development lifecycle (SDLC) for multiple concurrent projects, from requirements gathering through to deployment and post-launch support.
- Developed and maintained APIs and microservices for integration with third-party systems, enhancing product functionality and client satisfaction.
- Led technical problem-solving sessions and code reviews to maintain high coding standards and ensure best practices.

Senior Software Developer / Team Lead NextCare, Mkhales, Beirut, Lebanon Since August 2023 - September 2024

- Developed a Finance Insurer Admin Portal within a monorepo structure using Nx and Angular, incorporating best practices and an internal shared UI library for consumer projects.
- Revamped a large-scale Angular 8 live project, resolving issues across multiple business units and implementing accessibility compliance without disrupting the live environment.
- Restructured the shared UI library to support multiple consumer projects, enhancing the shared Storybook structure, ESLint, and Prettier rules.
- Led a team, fostering skill development, organizing Jira boards and tickets, and managing sprint planning.
- Migrated the base architecture of the shared UI library, addressing memory leaks, improving interactions with various components and elements, and ensuring a seamless transition for consumer projects.
- Documented all improvements, architectural changes, tools created, and third-party library integrations using MDX markdown, and integrated this documentation into Storybook.
- Developed scripts to enhance the developer experience, streamline the development process, and ensure coherence between multiple teams, thereby minimizing Git conflicts, outdated branches, and overridden files.
- Improved the CI/CD pipeline workflow between the shared UI library and consumer projects all by ensuring stable version dependencies to prevent breaking or unexpected changes.

Senior Full Stack Developer CMA-CGM, Beirut, Lebanon Since April 2021 - August 2023

- Develop a Dashboard Management PWA web app with Angular as a framework, Node.js as a backend/proxy (to not expose tokens, etc) and snowflake API as a backend/database with the below complexities:
 - Integrate snowflake API with connection pooling to handle multiple requests/queries simultaneously
 - Responsible for creating a dynamic process that handles exporting the whole web app html pages to a set of interactive pdfs. Meaning that the same interactions that are done in the web app will be available in the exported PDFs generated.
 - Responsible for handling the performance checks, memory leakage, adding web workers to minimize the load of JS and large processing.
 - Implemented complementary UI/UX interactions to make the web app workflow smooth and interactive.

- Ability to create / launch a cron job on Kubernetes pod level which will be calling a process from a related API.
- Responsible for developing a mobile e-commerce shipment / containership app using Ionic / React as a framework and TypeScript / JavaScript as a language.
- Develop UI using React as a library with Prime React and TypeScript / JavaScript as a language and Node.js as a backend/proxy to communicate with outside resources.
- Develop Backend using Java as a language, Spring/ Spring Boot as a framework and Postgres as a database (for local environment) and Cassandra / Elassandra as a database (for dev, uat and prod environments).
- Ability to handle unit tests using JUnit and Mockito for Java based apps and chai, sinon and mocha for Node Js based apps.
- Ability to create and deploy npm packages using git / gitlab.
- Ability to deploy and build applications on Kubernetes containers with the usage of Jenkins and git as part of the process.
- Developing and maintaining internal apps.
- Responsible for maintaining and developing an e-commerce app (frontend/backend) with the following responsibilities:
 - Integrate Zuora API to manage user billing and payment info and procedures.
 - Responsible for creating a data structure using terraform on AWS.
 - Responsible for handling and implementing Webhooks between AWS Lambdas and the e-commerce app.
 - Implemented AWS lambdas as part of a serverless application structure.

Mid-Senior Technical Consultant Lyst, Sin el Fil, Beirut, Lebanon April 2019 - May 2021

- Responsible for creating and implementing a standalone application that works on Reuters simulator using Java as a language and Spring as a framework.
 - Created a socket Connection to be able to communicate with Reuters Simulator.
 - Dynamically added tags to support Reuters message types (to be used in Synergies System).
 - Responsible for handling response data from Reuters to be used in the Synergies System.
- Responsible for building a Mobile Wallet application with the following main functionalities: remittance transfer, PTP transfer, wallet transactions, ability to add E-Wallet, link Bank Accounts, ability to do transfers between Bank and Wallet accounts, QR Code Integration and NFC integration, etc using Java as a language and Spring/ Spring Boot as a framework with Oracle as a Database.
- Responsible for managing multiple clients' portfolios that included training sessions, app design, app services, user preferences and security measures.
- Ability to design UI interfaces from scratch all by ensuring the responsiveness and native look and feel

- Handling client training sessions to ensure that the client can use the Synergies Designer System.
- Responsible for supporting and training the India team to meet the client business model standard.
- Responsible for redesigning a full chatting app feature to be used in Synergies System using ionic/angular as a framework and typescript as a language.
- Responsible for reducing the DOM Nodes and JS heap size used by Synergies System and improving the frontEnd code using ionic/angular as a framework and typescript as a language.

Intern

BML Istisharat, Beirut, Lebanon

June – August 2016

- Integrated new tables, screens and reports on policy, cover and screen level for L.I.R.I.S (life-insurance software)
- Implemented new tables and screen for a new feature named “Dictionary” to get all names relevant to a certain name.

Leveraged knowledge in Oracle DBA (general architecture, creation, maintenance, Back-up and recovery), Oracle SQL, Oracle PL/SQL, Oracle Reports Builder, and Oracle Forms Builder.

FREELANCER

- Responsible for building multiple hybrid PWA web applications using Ionic/Angular as frontend and Spring/Spring Boot as backend and Postgres as a database. These applications include multi-language, google maps integration, animation, dynamic role and a full CMS (Admin Side) to be used to modify any content dynamically.

Duration: 2 months with full testing for each

The above work was done using Java, Spring and Spring Boot, Node.js, Ionic (latest), Angular, HTML5/CSS, JavaScript, and TypeScript.

CERTIFICATIONS/ AWARDS/ COURSES

- LAMP Course – Linux, Apache, MySQL, PHP at E-tech labs, Beirut, Lebanon – Feb. 2019
- First-place winner in LAU case competition, Cisco case, Beirut, Lebanon – April 2018

TECHNICAL SKILLS

- Programming languages: (**proficient**): Java, JavaScript, HTML/CSS (SCSS, SASS), TypeScript (**familiar**): C, C++, Objective-C, PL/SQL, PHP, Swift, Python, C#, SQL.
- Software (s)/Engine (s)/Framework (s): Eclipse, X-Code, VS Code, IntelliJ, Ionic, Angular, Spring, Spring Boot, NodeJs, React, NestJs, Nx workspace, NestJs.
- Operating Systems: Linux (Debian & Ubuntu), Windows, MAC.
- Databases: (**SQL DBs**): MySQL, Oracle, Postgres (**NO SQL DBs**): MongoDB, DynamoDB (**HYBRID DBs**): Snowflake.

LANGUAGES

- **Proficient:** Arabic, English and French.
- **Learning:** Italian (A2-2).