

MUHAMMAD SULAYMAN HAYDAR

FULL STACK DEVELOPER, AUDIO/VISUAL CREATOR

DETAILS

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LINKS

[Website](#)

[Linkedin](#)

SKILLS

CSS/SASS/Tailwindcss



Typescript



Node.js



Relational databases



Redis



MongoDB



Elasticsearch



Neo4j



Websockets/Socketio



AMQP/Rabbitmq



Signal's E2EE Protocol



React



PROFILE

Experienced Full Stack Developer with over 12 years of building websites, services, and platforms.

Constantly tinkering and prototyping with new methodologies, technologies, languages, and libraries. Able to architect and engineer the whole development stack. From the front-facing clients to the APIs and the provisioning and configuring of the network infrastructure. I rely almost entirely on open-source and modern resources and libraries. The experience I gained handling active back-end services used by hundreds of thousands of active users enables me to architect and build back-end services that are wholly extensible and can scale. My freelance work over the years has enabled me to tinker with a vast array of different tools and libraries which I use to build everything from simple front-facing portfolio sites to complex, real-time, and entirely reactive and state-driven client platforms.

EMPLOYMENT HISTORY

Creator of Noon

Beirut

Mar 2022 — Present

I am currently working on a project called Noon, an open source communication platform that prioritizes security and privacy. Unlike other platforms that rely on third-party services, Noon is built from scratch or using open source libraries, such as Jitsi for video conferencing, that can be cloned and deployed on the user's own servers. This means that privacy-focused organizations can use Noon to communicate with each other without relying on external services, while keeping all their communication within their own infrastructure. A detailed technical description of the platform is available on my website.

Stack: React, Redux Toolkit, Apollo, Node.js, Express, Redis, Elasticsearch, Neo4j, AMQP.

Role: Full stack developer/Author

Senior backend developer, MYKI

Beirut

Mar 2020 — Feb 2022

MYKI is a security start up that secures and manages password and sensitive information online for Individuals and teams. I was responsible for rolling out features, maintaining and upgrading the codebase and handling bug fixes.

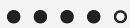
Highlights:

- Upgraded our Node.js environment by several versions beyond its previous state, which necessitated extensive revisions to the essential features that relied on specific libraries and packages that were constrained to the older version.
- Rewrote our micro-services communication layer and replaced it with an implementation that utilized AMQP/Rabbitmq.

Redux Toolkit



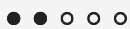
Next.js



Nestjs



React Native



Chakraui



GraphQL



URQL/Apollo



Docker



Kubernetes



Proxmox



Git



Vuejs



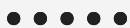
Vuex



PHP



Laravel Framework



Jitsi



Firebase



Twilio



Stripe



Jira



Linux



Unreal Engine



Object Oriented Programming



LANGUAGES

Arabic



- Developed a deferral payment system for our Managed Service Provider (MSP) clients, which integrated with our SaaS provider.
- Designed and implemented back-end interfaces for the company's upgraded MSP portal.
- Conducted security assessments using Snyk on the packages we utilized and made any necessary adjustments to ensure that we were operating safely and securely. As a result, we were able to maintain a "green" status.
- Improved the login system.
- Provided support to other teams in implementing their respective features.

Stack: Node.js, Express, Socketio, Stripe, Twilio.

Frontend developer, Sqwirl Lab

Beirut

Nov 2017 — Mar 2018

SQWIRL generates startup ideas, and prototypes and develops them. I was in charge of developing Sqwirl Lab's communication and chatting platform Circle. The platform incorporated private and group chatting with task and event management functionality embedded into the conversations.

Stack: Vuejs, Vuex, Firebase, Firestore

Full stack developer, Wamda

Beirut

Jul 2015 — Jul 2017

Wamda Capital is the West Asia region's leading venture capital firm investing in exceptional entrepreneurs. I was responsible for developing their Community platform, which is meant to serve as a social/fintech platform for the West Asia region. Tracking investments by corporations and individuals into the local tech industry.

Highlights:

- Adopted Vuejs as the platform's front-end framework. Rewrote core modules and converted them into Vuejs components.
- Wrote the platform's search functionality.
- Implemented the sign-up on-boarding stage and incorporated social logins.
- Integrated the administrator portal. Along with the provisioning and configuring of facilities to create mock data and traffic to facilitate our testing processes.
- Upgraded Laravel framework version and all associated dependencies.

Stack: Vuejs, Vuex, Laravel, Elasticsearch, Neo4j

Game Developer, Kreationware

Beirut

Sep 2013 — Feb 2017

A group of friends and I started a game development and architectural visualization startup, specializing in creating both casual and strategy games using Unity and Unreal Engine. I took on the role of primary programmer and one of the game-play designers, utilizing my skills to bring our vision to life. To bring our clients' architectural spaces to life, we utilized Unreal Engine to produce stunning, highly-detailed visualizations. Our passion for both gaming and technology allowed us to create unique and immersive experiences for players and clients alike. For a showcase of my visual work, please visit my site.

Stack: Unreal Engine, Unity Game Engine, 3D Studio Max

Mobile and Web developer, Fusion Second

Beirut

Mar 2013 — Dec 2013

Fusion Second provides development and IT services to various local companies. I developed websites, mobile applications and handled IT services for the company's clients.

Highlights:

English



French



- Finished 5 front facing client websites.
- Supervised the IT acquisitions for the Lebanese Petroleum Administration. A big part of the job was to keep in contact with the supplying company as it regards to the rack server being built. Making sure all components are delivered and the correct software installed.
- Built 2 homemade servers for clients.

Stack: HTML, CSS, Javascript/Jquery, PHP, Java

Web developer, Polypod

Beirut

Jun 2012 — Mar 2013

Polypod is an architecture firm with a web development arm. My job was to maintain the websites of the company's existing clients and create front-facing sites for new clients.

Highlights:

- Maintained 2 existing sites.
- Created 3 front-facing sites for new clients.

Stack: HTML, CSS, Javascript/jquery

EDUCATION

Bachelor of Science (B.S.), Computer Science, Lebanese American University

Beirut

Sep 2008 — Sep 2012

REFERENCES

References available upon request

EXTRA-CURRICULAR ACTIVITIES

Instructor

Beirut

2011 — 2018

Created and taught Unreal Engine development workshops in AltCity, Beirut Digital District and various universities where we went through the basics of how to work with the engine along with demo projects like endless runners and platformers.