
Serge Harb – Software Engineer

<https://github.com/surgeharb>
Contact Email: me@sergeharb.com

2021 – PRESENT

Senior Software Engineer / Preply – Barcelona, Spain

Software Engineer in the **Marketing Optimization** team working closely with Growth and Marketing teams. Tech stack is mainly React.js/Next.js connected to Django microservices through GraphQL. Deployments using **AWS** and **Kubernetes** with **CI/CD Pipelines**. Optimizing advertising channels, users' conversions, and **A/B testing** for Marketing strategies.

2020 – 2021 (1 YEAR)

Senior Software Engineer / TF961 – Beirut, Lebanon

Software Engineer in an **Agile Scrum** team building full stack projects from **React/Next.js** web apps, **Node.js** REST and GraphQL APIs. Dashboards development with **Strapi** using several Databases (**PostgreSQL**, **MySQL**, **MongoDB**). Quality assurance with **Unit testing** and **End-to-End testing**. Deployments using **OpenShift Container Platform** and **Kubernetes** with **CI/CD Pipelines**.

2017 – 2020 (3 YEARS)

Full Stack Web Developer / Fibler – Beirut, Lebanon

React.js for internal management systems development, developed **AWS** architecture with multiple **Microservices/Databases**, **Web Sockets**, **Video Streaming**, payment providers (Paypal, Stripe). Worked on **Node.js** APIs and services infrastructure. **Automations** and pipelines using **AWS** for multiple environments, Load Balancing, Queuing and Network Security protection.

2016 – 2017 (1 YEAR)

Full Stack Web Developer / SIEGMA – Beirut, Lebanon

Frontend web apps using **React.js** or **Angular**, **Webpack** and **Sass**. Content management systems using **Node.js** or **PHP** with **MySQL** or **MongoDB**. Worked on many projects including [InHype Social](#), [Azure Telecom](#), [Bejjani Group](#), and [SIEGMA's website](#).

Freelance Software Projects / Remote - part-time

1CoachPro: Sports Coach mobile app in Australia. **Tech Skills**: **React Native**, **Agile** development, **AWS** and **Python Flask** APIs.

MasApp: Lighting design dashboards. **Tech Skills**: **React.js** dashboards, **CSS**, **live data** and **statistics**, **charts** and **data reporting**.

Brainpush: E-Learning platform and mobile app. **Tech Skills**: **React Native**, **Node.js** APIs and **Cronjobs**, **MongoDB**, **Strapi** CMS.

Remote House: Home automation mobile app. **Tech Skills**: **React Native** mobile dev, **Node.js** APIs, **C++** on development boards.

LaPost Services: iPad web applications. **Tech Skills**: **Vue.js**, **CSS**, responsive designs, **animations** and touch-friendly web apps.

Work Manager: Management of projects and employees. **Tech Skills**: **Angular**, **Ionic** app, **Node.js** APIs, **statistics** and **reports**.

OLN TV: Video Clips frontend web application. **Tech Skills**: **Angular**, **SSR**, **CSS** responsive designs, **animations** and sliders.

Fitterbite: Healthy meals delivery application. **Tech Skills**: **React.js** admin/clients' dashboards and **Node.js** REST APIs.

Node.js and React Native / AnyShop, Grocery Delivery across Lebanon

Project is currently under development with the latest cutting-edge technologies: Mobile apps using **React Native TypeScript** and **Nest.js** on the backend with **PostgreSQL** as a database engine. Content Management using **Strapi** CMS.

Education

LEBANESE AMERICAN UNIVERSITY - 2018

Bachelor of Science, Computer Science

Key Courses: Algorithms & Data Structure, Software Engineering, Web & Database Management.

Machine Learning and Data Science / Online Courses

Artificial Neural Networks, Supervised/Unsupervised Learning, Deep Reinforcement Learning.

Languages: English, Arabic, Spanish and French.

Hobbies: Music Production, Video Games and Home Automation.