Ray El Hayek

Senior Full-Stack Engineer

ray.el.hayek@gmail.com

https://github.com/shoespray

https://linkedin.com/in/rayhayek

+961 70 616 550

Beirut, Lebanon

Summary

Passionate full-stack developer, experienced in web (front-end & backend) and mobile development. **PHP** and **JavaScript** expert. I also learned some **Blockchain** and **Machine Learning** by curiosity.

Skills

- MVC**,** Monolithic and Microservices Architecture
- Test-Driven Development & Behavior-Driven Development
- JavaScript (ES2015+, React, Redux, Angular, Node.js), Typescript
- SQL & NoSQL
- PHP 5+, Laravel 4+
- Apache, Nginx
- Webpack, Git, Stylelint, ESLint, Unix Command Line
- Responsive web design (CSS Grid Layout)
- Performance optimization (load time, render time, build time)
- Unit testing (Jest, React Testing Library, phpunit)
- CI/CD (Github Actions, Gitlab CI)
- Code-Linting
- Amazon Web Services: Elastic Beanstalk, EC2, S3, SQS, RDS, Route53
- Google Cloud: Firebase, Maps API, Places API, Directions API, Analytics API, Drive API
- Open source software development and maintenance
- Team Communication & Sprint Planning (Slack, Asana, AirTable, Trello, Google Drive)
- Error Reporting Tools: Sentry, Crashlitics, Uptrends

- Native Mobile Development: Swift

- Hybrid Mobile Development: Cordova, Ionicframework, Phonegap

- Augmented Reality: ARKit, SceneKit, ARCore

- RealTime Technologies: PubNub, Pusher

- Payment Gateways: Stripe, 2Checkout, Payfort

- Machine Learning (AI): Sci-Kit, Keras

- Blockchain: Hyperledger, Ethereum

Experience

YallaBus - *Senior Full-Stack Developer*
Oct 2018 - Jun 2019

- Been part of a team of 3 developers.

- Deployed Trackers in Public Buses. It sends the bus' geolocation in real time.

- Created a well structured backend solution that tracks buses, decides which bus(es) a user should take and where to stop, to get to his destination the fastest way (shortest path); Using NodeJS, MongoDB, TurfJS and Redis caching server.

- Developed a mobile application (Android & Ios) using React Native. It shows buses on google maps in real-time, allows the user to search for a destination; and give all buses options, with emphasis on the closest bus option and the shortest path possible.

- Managed the development cycle, technology stack and agile sprints.

- Maintained a healthy codebase: clean code (code linting), good test coverage, up-to-date dependencies.

Ticklemybrain - *Senior Full-Stack Developer & Partner*
Mar 2016 - Oct 2018

- Been part of a team of 2 developers.

- Trained 5 students on Full-Stack Development Basics as part of an internship program.

- Developed a new single-page application (SPA) using Angular and Laravel frameworks.

- Created a restful API.

- Designed and implemented an AWS cloud based solution that contains the following services:

    - Elastic Beanstalk as a load balancer that opens (1 to 4 EC2 machines) depending on load.
    - Relational Database using RDS.

- - Storage Server to store & fetch documents using S3.
  - Route53 for our domain name server.

● Created an automated unit-testing. I used Jest for Angular App unit-testing; And phpunit for backend unit-testing.

● Implemented Stripe payment gateway, with the ability to divide payments in chunks.

● Created a real-time chatting & notifications system using WebSockets.

● Created a mobile responsive interface.

● Improved the User Experience as minimal as possible.

● Improved SEO.

● Progressive image loading and Stripe images for icons.

● Maintained a healthy codebase: clean code (code linting), good test coverage, up-to-date dependencies.

● Made many performance optimizations: deployed code size, requests speed and size, execution performance, rendering performance, perceived performance, build time.

● Developed a detailed real-time admin dashboard.

Ticklemybrain - *Web Developer Freelancer*

Mar 2016 - Oct 2018

● Developed a well structured user interface to submit requests using Twig templating engine.

● Developed a restful API using PHP.

● Developed an admin panel that shows basic requests info.

eTobb - *Full-Stack Developer*

May 2013 - June 2015

● Been part of a team of 5 developers.

Mobile App:

● Developed a eTobb's first version hybrid mobile application using Javascript, ZeptoJS, Cordova and Phonegap.

● Developed a second and third versions using Angular and Ionic Framework.

● Implemented google analytics.

Backend:

● Optimizing and scaling an nginx server to handle mass user load using the following:

- Configured an Nginx load balancer that handles load for 2 configured Nginx servers.
- Enabled Nginx caching to cache common pages that does not require users authentication.
- Redis server to cache data used for users' feeds on chosen topics.

● Stripe Images for icons and Progressive Images Loading.

● Optimized the Time To First Byte by optimizing primary requests and getting asynchronous secondary scripts.

● Maintained a healthy codebase: clean code (code linting), good test coverage, up-to-date dependencies.

● Joined 500 Startups Accelerator Program (Batch 11) in Silicon Valley.

Mentorship

Elevate Impact Accelerator *(Funded By UNICEF)*
Tech Mentor Jun 2017 - Dec 2017
- Supported five cycle startups in the development of their MVPs.

Bootcamp Accelerator *(Funded By Central Bank of Lebanon)*
Tech Mentor Mar 2016 - Mar 2017

● Delivered workshops on agile development and advised startups on the best technical stacks that fit their needs.

Education

Notre-Dame University Louaize (NDU) - Beirut, Lebanon
Bachelor in Computer Sciences (incomplete)
2011 - 2014

Collège des Saints-Coeurs Sioufi - Beirut, Lebanon
French & Lebanese Baccalaureates
1995 - 2010

Languages

Arabic (native), **English** (fluent/proficient), **French** (fluent/proficient)