Razvan Timis

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WORK EXPERIENCE

8x8   **Aug 2021 - Present**

Senior Software Engineer | Full-time

Responsibilities:

- Leading the frontend initiatives
- Involve in interview process and ramp-up of the new colleges
- Implement ability to send attachments via chat (customer to agent / agent to customer)
- Gradually replace the legacy app with a modern react js stack
- Involved in micro frontend implementation via webpack federation

Skills: WebSocket · Jest · Redux Saga · Team Leadership · React.js · WCAG

The Informal School of IT   **Mar 2020 - Aug 2022**

Teacher

I teach frontend developer skills to novice peoples.

Skills: JavaScript · React.js · Teaching · HTML5 · Cascading Style Sheets (CSS)

Aera Technology   **Sep 2019 - Jul 2021**

Senior Software Engineer | Full-time

I've worked on few modules of Aera product. One of them is modeling where we builded a google sheets for client's data. It was very challenging because we should take care of performance because we handle billions of data records.

I had next key accomplishments::

- Leading the typescript adoption
- Implement frontend components which can handle billions of data records (DOM Virtualisation , Lazy loading, optimal data structure)
- Develop a code editor for our custom language including smart suggestion (ANTRL parser)
- Help colleges with technical problems and architectural decision
- Involved in migration from monolith to micro frontend architecture

Skills: React.js · Jest · Redux observable · SASS · TypeScript

Faculty of Mathematics and Computer Science - BBU   **Oct 2019 - Feb 2020**

Associate Teacher

I teach fundamentals of programming to first year students.

Skills: Python (Programming Language) · Teaching

Info World   **Jun 2017 - Aug 2019**

Software Engineer | Full-time

I've worked on a scheduling application that is being used in Rehabilitation Hospital. After working on the medipedia.ro project, together with 4 juniors. Within these projects I was team lead.

On the backend I had next key accomplishments:

- Implemented HL7 FHIR® – Fast Healthcare Interoperability Resources
- Implement batch/transaction mechanism, this mechanism give the possibility to add/edit/remove more resource by single http request (https://www.hl7.org/fhir/http.html#transaction)
- Implement patch mechanism (https://www.hl7.org/fhir/http.html#patch)
- Implement firebase push notification for FHIR resource
- Implement algorithm that generate code based on metadata:
    - Generate GraphQL Schema classes based on FHIR StructureDefinitions
- Map SQL tables to Mongoose schemas conformant to FHIR
- Optimize SQL Server and MongoDB queries

Skills: React.js · Node.js · SQL · Jest · Team Leadership · Angular · MongoDB

msg systems Romania   **Sep 2016 - Mar 2017**

Software Engineer | Part-time

The scope of the project was to create a user interface component, using PatternFly and Vue.js. I've worked quite a lot with Webpack, ES6 and Git.

Skills: JavaScript · Cascading Style Sheets (CSS) · Vue.js

msg systems Romania   **Jun 2016 - Aug 2016**

Software Engineer Internship

The training is composed of two parts. The first one is theoretical and it included the theoretical study of : Java Servlet Programming, JSP, Application Servers for application developers, Hibernate, EJB 3, Java Persistence API, Source Code Management, Glassfish, Logging

The second part of the training was practical and it was represented by a group project. It was a simplified version of Facebook. The tech stack of the project included JavaServer Face with Primeface, JPA, Hibernate & EJB. As a IDE we used Eclipse and as a solution control system we used SVN.

Skills: JavaServer Pages (JSP) · Hibernate · Java

Freelancer   **Jan 2012 - Oct 2014**

Wordpress Developer | Seasonal

I've worked on multiple wordpress themes. Base on customer requirements, I changed or implemented the features of their websites. One of them is https://www.startpreventivi.it/

I have applied search engine optimization (SEO) and Google AdSense on the websites I've maintained. My work environment includes Linux VPS (Centos, Debian) and as hosting software I use Apache. **Skills**: JavaScript · jQuery · PHP · WordPress · Bootstrap

EDUCATION

Babes-Bolyai University   **Oct 2017 - Jul 2019**

Faculty of Mathematics & Computer Science

Master's degree in Software Engineering

Babes-Bolyai University   **Oct 2014 - Jul 2017**

Faculty of Mathematics & Computer Science

Bachelor's Degree in Computer Science

PERSONAL PROJECTS

Education Cloud Platform   **Sep 2018 - Present**

We build a white label elearning platform for pharmacists and seo marketing.

Pharmacy platform: https://elearning.frontlinesolutions.ro/worwag
SEO Marketing platform: https://appsumo.com/products/education-cloud-plus/
Mobile app: https://play.google.com/store/apps/details?id=com.frontline.elearning
Frontend: Angular10+ · RxJS · GraphQL · Sass · Material UI · Firebase · Ionic
Backend: Node.js · Typescript · Prisma · Postgress · GraphQL · Nexus

Primul Medic   **Mar 2020 - Mai 2020**

Build video conference platform for medical purpose - https://primulmedic.com/
Demo: https://www.youtube.com/watch?v=hxaGITpQdWg
Frontend: Angular12+ · RxJS · GraphQL · Bootstrap · Sass · Material UI
Backend: Node.js · Typescript · Nest.js · Postgress · Hasura

Mykineto   **Mar 2019 - Jun 2019**

A mobile app what have the main objective is to track the patient while he doing exercise to motivation of the patient by reporting progress. **Github**: https://github.com/razvantimis/mykineto-dissertation
Technologies: Flutter · Firebase · Cloud Function · Tensorflow · MACE

MedHeart   **Feb 2017 - Jul 2017**

It's a medical app used for diagnosing heart diseases. It has two main components: one for diagnosing a heart disease using artificial neural networks and one for monitoring the heart beats using a fitness bracelet. As a bracelet I've used the Xiaomi Band 2. The aim of the app is to combine these two components. In the case of increasing heart beats for a patient with a high risk of a heart disease (as predicted by the ANN), an alert (e-mail or SMS) will be sent to the patient or to his contact person.
Github: https://github.com/razvantimis/medheart
Technologies: React Native · Firebase · Redux · Artificial Neural Network

OTHER SKILLS

Romanian - native speaker
English - professional working proficiency