Razvan Timis

E-mail: r@timis.dev
Phone: +40746339070

WORK EXPERIENCE

8x8   Aug 2021 — Present

Senior React Developer

Responsibilities:

- Increasing team productivity by adopting storybook and typescript
- Develop a internal chat and notification system between call central agents
- Integrate Bugsnag as monitoring tools
- Implement ability to send files via chat (customer to agent / agent to customer)
- Develop WCAG components
- Replace a old website embedded chat with a new implementation (deliver as micro frontend)
- Involved in micro frontend implementation via webpack federation

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

The Informal School of IT   Mar 2020 — Present

Frontend development Trainer

I teach frontend developer skills (javascript, html, css, react) to novice peoples.

Aera Technology   Sep 2019 — Jun 2021

Senior React Developer

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, Typescript, Redux.js, Rx.js, Redux Observable, Scss

Info World SRL   June 2017 — Aug 2019

Full Stack Javascript Developer

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
- Generate GraphQL Schema classes based on FHIR StructureDefinitions
- Map SQL tables to Mongoose schemas conformant to FHIR
- Optimize SQL Server and MongoDB queries

Technologies and frameworks used:
- Frontend: React.js, Angular 6, Redux, Rx.js, SASS, Bootstrap
- Backend: Node.js, Koa.js, MongoDB, Mongoose, Typescript, GraphQL, SQL Server, Json Schema, Firebase Push Notification
- Tools: VS Code, Git, Robo 3T, SQL Server Management Studio, WebStorm, PM2, NGINX

msg systems Romania   September 2016 — March 2017
Frontend Developer

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.

msg systems Romania   June 2016 — August 2016
Java Training

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.

Freelancer   Jan 2014 — Mar 2017
Web Developer

As a freelancer, I've created multiple wordpress themes using Bootstrap, CSS 3 and JQuery. One of them is https://www.startpreventivi.it/ .
I have applied search engine optimization (SEO) and Google AdSense on the websites I've maintained.
Also I worked with Linux VPS (Centos, Debian) and as hosting software I use Apache.

EDUCATION

Babes-Bolyai University   October 2017 — July 2019
Faculty of Mathematics & Computer Science

Master's degree in Software Engineering

Babes-Bolyai University   October 2014 — July 2017
Faculty of Mathematics & Computer Science

Bachelor's Degree in Computer Science

PERSONAL PROJECTS

Primul Medic
Build video conference platform for medical purpose. (https://app.primulmedic.com/)

Frontend: Angular10, RxJS, GraphQL, Bootstrap, Sass
Backend: Node.js, Typescript, Nest.js, Postgress, Hasura, Heroku

Frontlinesolutions
Build elearning platform for pharmacists. (http://frontlinesolutions.ro/)
Frontend: Angular 7, RxJS, GraphQL, Bootstrap, Sass
Backend: Node.js, Koa, Apollo GraphQL, Typescript, SQL, Azure Cloud, Heroku

Mykineto
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.
Technologies and frameworks used: Flutter, Firebase, Cloud Function, Tensorflow, MACE

Alfred - College for advanced performance studies UBB
This organization is focuses on promoting scientific research and volunteering. Each member of the college has a research project. My research project aims at developing a financial consulting chatbot that will be available on Facebook. For development I used nodejs, python for smart replay. (https://www.facebook.com/alfredconsultingbot/)

MedHeart
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. It was made using React Native, Redux & Native base.

Inovations Labs
We made a virtual reality app prototype that gives you the opportunity to see a rentable or sellable apartment using your phone. The app was developed using Ionic 2 and the VR feature was made using the A-frame framework.

OTHER SKILLS

Romanian - native speaker
English - professional working proficiency