Todor Atanasov

tatanasovcv.herokuapp.com/index.html

Interests

I am currently focused on learning and improving in Angular and PostgreSQL.

Working experience

- ### Game developer 07.2016 - 03.2017

  Melon

  I was working on a casino slots game with bonus games created with **TypeScript** and **Phaser**. My job was to help implemet one of the bonus games - receive event for the start of the game and load all necessary assets, disable user interaction while animations are playing, trigger animations based on user interaction and response from awards server, save all events and responses from previous game and play them back in case the user did not finish the bonus game the last time it was played and wants to continue from that point, send events when the bonus game is over to the main game so it can continue where it left off, refactor code, create documentation, create **gulp** files for automation and fix assets in **Photoshop**.

- ### AngularJS web developer 06.2015 - 07.2016

  Dodona(06.2015 - 09.2015) and Lanta(09.2015 - 07.2016)

  My job was to write most of the AngularJS and server Node.js code - Angular communicated with a server where I validated the user data, checked for wether or not the user is logged in, implemented authentication with Facebook, Google and Twitter, send and receive data from PayPal and EasyPay which we used as online payment systems, implemet search for books and deals with sorting for each and every possible porperty(title/author/publisher...) and also combined properties, load data from all the basic api requests with pagination. Afterwards this server communicated with a back end server which worked with the database. At the Angular side I implemented custom validations for user data, created services for communation with the first server, worked with custom modals, implement the cart and payment process with options to add/remove a book/deal, but not a single book from a deal, increase/decrease quantity, display collections of liked, wishlisted and purchased books, implement comments and replies to books, deals, user profiles and groups, implement different pages for regular users and publishers, implement the publishing process, implement image upload for user and publisher avatars, book and group covers, implement subscription payment process and automatically renew it after it expires, load all the basic data with pagination. I did not participate much in the CMS and the book reader. I only added a small feature to the book reader which allows users to add annotations to selected words on a book page. I also did not

write much html/css because that was a colleague of mine's entire job. Most of the time I just added the angular directives and classes to an already stylyzed page. After our team left the project has been reworked and redesigned and none of us have access to the code so I don't know how much of it is still there.

Personal projects

- ## Demo app - WIP

  I wanted to learn more about full stack web development so I started working on this app. I want it to list items which users can browse, add to collections, post comments and replies, search for specific item by name or some other property, sort and so on. Users and items will have pictures which will be stored on the server. There will be pages which only logged in users can access. So far I have completed the register/login/logout, edit profile and image upload processes and I am working on implementing the rest. I added validations to each of the fields on the register page both at the FE and the BE. As the user is typing in the name and email fields I am sending requests to the BE to check if given username/email is already taken to notify the user. Passwords are hashed when the user is created or the password is updated. Uploaded images are resized and saved in the public folder, matched by the user's id and are accessable by the FE. I added an auth guard which prevents logged in users from accessing the register/login pages and non registered users from accessing the profile page.

  FE github
  BE github

- ## Recipe Book

  I decided that I need to learn more about**Angular** and **PostgesSQL** so I found a basic tutorial online and decided to expand on it. This project has a basic CRUD functionality, pagination and sorting.

  There are 5 pages: home, page not found, recipes, drinks and a page for viewing a single recipe.

  At the recipes page there is a paginated list of recipes with previous/next functionality. Next there is the add recipe button which opens a modal with inputs for all the necessary fields for creating a recipe and a close and save buttons. Each input has an empty check validation and displays an error message if it's empty. Also the save button can't be clicked if there are errors. Next to each recipe in the list there is a triangular button which opens up a dropdown with the recipe's details and the edit, delete and view buttons. The edit button opens up a modal similar to the create recipe modal with the recipe's properties already entered into the inputs and ready for changes. The empty checks and error messages are still there. The delete button

opens up a confirm modal. The view button displays the selected recipe on its own page. Whenever a recipe is added, deleted or modified the page is automatically refreshed.

At the drinks page there is a list of all of the drinks in the DB displayed in a table. The drinks can be sorted by clicking on each of the fields in the table head. There is also the search input, which can be used to filter the list of drinks to display only the drinks, which contain the value of the input in one or more of its text properties.

Most of the styling is done by using **Bootsrap** and a bootswatch theme because it was not the main focus.

github

- This CV

  I wanted to learn more about **Jade/Pug**, **SASS** and **responsive design** and I felt like my CV needed a redesign.

  This is my old CV for reference.
  github

- Gallery

  A simple **MEAN** stack gallery I did for an interview. It was my first try at full stack development.

  github

Education

- SoftUni 2014 - 2015

  Programming basics, OOP, High quality code, Teamwork and personal skills, Web front end and AngularJS

- Art academy Plovdiv 2014 - 2015

  Master's degree in PR of Art Organizations

- Art academy Plovdiv 2010 - 2014

  Bachelor's degree in Pedagogy of Art Teaching