ALEKSANDARANDREEV

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WORK EXPERIENCE

Lead Developer

07/2019 – 04/2020 *Poselink*, Colorado

Working 100% fully remote on app that focuses on providing electronic services to restaurants. Some of those services are but not limited to: restaurant's menu updates, generation of scheduled and unscheduled reports, employee managements, time and attendance and others. Using react, hooks, context and .net core to build intuitive UI and secure restful services. Also Worked on a mobile application using react native which works on iPhone and Android.

Lead Developer

07/2018 – 07/2019 *Diamond*, California

Working on Disney's new workflow media distribution system as a full stack lead developer. Managing two developers and developing from the ground up the entire system. Using react, node, express, elastic search, SQS, mocha, cypress, Redis, aphrodite, next, bookshelf, knex, postgresql, redux, flexbox, css grid, database design and optimization. Developing restful services and JWT authentication. Using Redux and Material UI to develop most of the UI. Utilizing continuous Integration and Delivery with Docker and heavy use of AWS.

Senior Software Engineer

2/2014 – 06/2018 *Deluxe Media* Burbank, California

Working on enterprise applications, full stack using Asp.net core, SQL and C#. Developing micro services and maintaining monolithic services. Creating secure REST services, architect and maintaining SQL Server databases. Making Unit Tests and automated tests and maintaining reporting services. Developing synchronous and asynchronous services using RabbitMQ with heavy use of Elastic Search. Also developing the front end using angular based application, typescript and SCSS. Utilizing angular pipes/filters, rxjs interceptors, promises, router and writing components, directives and modules with heavy use bootstrap.

Also worked on localization editor using React with Redux utilizing flexbox and grid. The tool allowed users to create subtitles and you could do your edits and preview the results within the editor. Also used nodejs with postgresql for the backend.

Senior Software Engineer

5/2011 – 2/2014 *Sweet Rush Inc.* San Francisco, California

Worked on different JavaScript based e-learning courses for major corporations (Petco, Deloitte and others). The courses were fully interactive with multiple sections. Some of the modules not only had a lot of animations, but also talking avatars and lip sync animations. Developed a framework for rapid development of new e-learning html5 courses, which required makings a lot of components from scratch like scrollbar, scrollview, buttons, checkboxes etc. I also made a custom xml language similar to html, mxml and xaml with custom tags for layout where the goal is very fast development of e-learning courses. I made significant improvements to Mantis Bug Tracker using PHP and MySql to add new features. Developed couple C# tools for automating

certain tasks. Developed e-learning courses using Javascript, svg and canvas.js that are mobile compatible. Worked on trans-compiler that converts legacy ActionScript code to JavaScript.

PORTFOLIO

www.aleksandarandreev.com – My Portfolio
http://dictionary.code-craft.net/ - React example project of SAT dictionary
https://jobs.code-craft.net – Angular 4 with .NET Core 2.0 (login: sashoo@abv.bg , demo123ABC#)
blog.aleksandarandreev.com – My Blog with helpful information for other developers
https://blog.aleksandarandreev.com/experiments/pixi-better-coder/ - PIXI.JS Experiment

https://play.google.com/store/apps/details?id=air.com.wispgames.sheepheap
https://apps.apple.com/app/id1087693505
https://itunes.apple.com/app/id597079500

SKILLS

Languages

C#, TypeScript, JavaScript, Java, PHP, SQL Server, MySQL, T-SQL, HTML, CSS, SCSS

.NET Frameworks

NodeJS, ASP.NET, Entity Framework, WebApi, LINQ, Rest, Identity Server, JWT, OAuth, Owin, ASP MVC, ASP Identity, MSBuild, Elastic Search, RabbitMQ, SignalR, AWS, Azure, Google Cloud

.Javascript Frameworks

React, Redux, Angular 5, AngularJS 1.5, ExpressJS, React, Jasmine.js, EaselJS, Pixi.JS, Bootstrap, MVVM, Jade/Pug, Cypress, Mocha, Chai, Selenium,

Tools

Webpack, Flow, Babble, NPM, Bower, Browsersync

Software

WebStorm, Sublime, Visual-Studio, Rider, VS Code, Eclipse, Unity 3D, Flash, Photoshop, Linux, Apache, Nginx, IIS, Git, TFS, Postman