



Personal

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Education

Masters degree - Kharkiv National University of Civil Engineering and Architecture 2013 - 2019

Udemy courses:

- Ultimate AWS Certified Solutions Architect Associate 2022
- Docker and Kubernetes: The Complete Guide
- JavaScript: Understanding the Weird Parts
- Node JS: Advanced Concepts
- NGINX Fundamentals: High Performance Servers from Scratch
- Understanding TypeScript - 2022 Edition
- React - The Complete Guide (incl Hooks, React Router, Redux)

Danyl Boiko

Typescript / React developer

About Me

I am an experienced software engineer with 5 years of experience in the IT industry. My career was starting in the field of 3D graphics (3ds MAX) and Unreal Engine with C++ basics.

After 2 years in this domain, I decided to dig deeper into programming, and found that creating products is my passion. I worked as a Full-stack developer (C#, SQL, React/Angular.js) and have completed the migration from Angular.js. to React. I had experience with blockchain technologies. I have released, developing it from scratch to production as a team lead. I worked on high-performance WebAssembly JS charts with 2D/3D WebGL. As a contact point from the development team, continuously supported customer requests and enhancements.

On a volunteer basis, I gathered and taught a group of 15 beginner programmers. The upcoming goals are to study DevOps, Clouds and pass AWS architect certification.

Employment

Senior TypeScript / React developer - System1, UK Dec 2020 – present

Project: Advertising

World leaders in predicting and improving ad effectiveness

- Working with React with Typescript and D3
- Introducing new solutions to speed up the work of the front-end application
- Conducting an interviews
- Architecture upgrade from Razor to pure React app
- Mentoring middle developers to move to senior level
- Work with SEO optimisation / SSR
- Estimation of new projects

Technologies: React, TypeScript, SSR, Azure, Octopus

Senior TypeScript / React developer - SciChart, UK Feb 2019 – Dec 2020

Project: 2D/3D charts

High loaded 2D/3D charts created by WebAssembly

- Work on different platforms for maintaining one final API for end customers
- Canvas 2D/3D WebGL
- Creating new features for library
- Communication with the final users of our library
- Working with full cycle of startup project

Technologies: React, TypeScript, SSR, C++, WebGL, WPF, IOS, Android

Full-stack developer - TEAMinterantional, Ukraine Mar 2017 – Feb 2019

Project: Insurance/ Healthcare

The previous project was a backend on C# Web.api, front end on Angular.js, the database on MSSQL, the cloud environment on AZURE.

- Creating controllers, directives with AngularJS
- Implementing Business Logic on BackEnd
- Working with Azure environment, creating releases/builds
- Creating SQL tables/views/procedures

Technologies: C# Web.Api , AngularJS, Webpack, Azure, MS SQL

Project: Blockchain/ Ecology/ Science

Main project was related to improvement of ecology based on blockchain technology with own tokens and work with Metamask. Also was two MVP projects.

- Create React App from scratch to production based on TypeScript and hooks
- Conversation with customer. Choosing the best technical approach
- Working with full cycle of emplementing blockchain technology

Technologies: React, TypeScript, Metamask, GoogleApis, Thunk, Saga, React Transition, Web3, Charts

3D's Max artist - Freelance / Entrepreneur Vizboyko Nov 2015 – Mar 2017

As a 3D's Max artist I had a huge experience related not only for 3D's Max but for additional fields. As a TeamLead, Mentor, Project Manager. For part time I was a tutor in 3D max. Also had a small experience with Unreal Engine.