

Bogdan-Alexandru Stanciu

+44(0)7926102178

bogdanstdev@gmail.com

<https://github.com/BogdanST>

<https://bogdanst.vercel.app>

Versatile and detail-orientated developer with 2.5+ years of experience in commercial application development looking for a challenging front-end developer role. Proven experience in facilitating projects from start to launch in a multi-national setting. Passionate about creating highly presentable UIs using the JS frameworks - React, Angular 13, with an emphasis on scalable and well-documented code. Eager to tackle more complex problems and embrace more responsibilities. Eligible to live and work in UK under the EU Settlement Scheme.

Professional skills

Programming Languages:

- TypeScript, JavaScript
- HTML, CSS/SCSS/SASS
- C#, C++

Query Languages:

- SQL, Mongo DB, Firebase

Front-End Frameworks:

- React (with Redux Toolkit)
- Angular 13
- React-Native
- NextJS

CSS Frameworks:

- Bootstrap
- Material UI
- Tailwind

Back-End Frameworks:

- .NET CORE
- NodeJs (Express)
- SignalR & WebSockets

Testing Frameworks:

- Jest
- Jasmine
- Cypress

Version Control:

- Git (+GitFlow)
- Azure CI/CD & TFS
- Docker

Shell Scripting:

- Bash, PowerShell

Certificates

- ECDL - European Computer Driving Licence
- IT Essentials: PC Hardware and Software
- CCNA Discovery: Networking for Home and Small Businesses
- Clean European Driving Licence

Language

- English
- Romanian

Experience

Software Developer |  Tata Technologies

March 2020 - July 2022

- Delivered web solutions matching the client's requirements and business specifications around portfolio management and analytics
- Maintained and improved customer relationships whilst applying robust agile development strategies, including two weeks' sprints, day-to-day stand-ups, backlog grooming, sprint planning, and retrospective meetings, in order to reduce development time and enhance productivity
- Translated UI-UX mock-ups and wireframes into front-end code with fully integrated and functional RESTful API services to deliver efficient web page interactions
- Engaged with external stakeholders to redefine processes, resolve bugs, and update old systems to the current technology stack
- Maintained code integrity and structure through the use of various version control platforms: TFS and GitHub
- Developed new interface applications and distributed message broker services with RabbitMQ and WSO2 to support high-scale applications across the business
- Prepared technical best-practice reports documenting each phase of the development process in Jira and Confluence
- Liaised with senior management and championed new emerging technology platforms to enable business transformation across departments and teams
- Proactively developed tools, automated scripts, and redefined working procedures to improve the efficiency of the team
- Assessed the operability and efficiency of the end product through staged unit testing and final integration testing
- Developed back-end architecture to include building functional databases, applications, and servers
- Responsible for the complete life cycle of information systems, to design and implement integrations between software platforms, programs, applications, and task schedulers for Linux/Windows servers
- Completed several online training courses to enhance personal development and maintain recency with the latest technologies. Recently undergone training in web cloud technologies using Azure services

Achievements: Global Annual Excellence Awards for category: Team: Project Excellence in recognition of my efforts in various projects

Education

BSc Computer Science • 1st Class Honours

Coventry University | 2016 -2019

Relevant modules:

- Software Quality and Process Management
- Programming Algorithms and Data Structures
- Software Engineering
- Computer Architecture and Networks
- Web API Development
- Operating Systems, Security and Networks

Dissertation: A simulation of a self-driving car was developed on the Unity platform using a genetic algorithm based on the principles of reinforcement learning. The results of the simulation showed an 11% improvement when compared with the results obtained in the existing literature.

Projects

Freelance project

● August 2022 - **React-Native Developer** ● **Fitrition**

A cross-platform mobile application was developed in react-native with Expo. A personal trainer was consulted with the aim of delivering an app capable of improving the quality of life for all users interested in fitness and nutrition. The application provides a wide range of functionalities from tailored nutrition, workouts, meal tracking, and well as body measurements. This project presented itself as an opportunity for professional growth in the area of mobile development.

- Integrated Firebase Authentication and secured data access with the Firebase CloudStore database
- Created a customisable design using NativeWind (a react-native library for styling components, using Tailwind CSS at its core) and React StyleSheets
- Handled complex state management between components utilising Toolkit/Redux
- Created animated layout with React-Native reanimated V2, React Navigation and Moti
- Looking to release the app on a commercial platform (Apple Store and Google Play)

Commercial projects

● July 2022 - **Front-End Developer** ● **Offshore Windfarm Management System (OWMS)**

Early on in my career, I delivered a code upgrade solution for one of the leading UK companies in the marine industry, who provide comprehensive and trusted offshore wind farm solutions dedicated to the technical and operational aspects of construction preparation, installation, and special operations. The code upgrade consisted of numerous system upgrades from back-end to front-end systems, with a focus on front-end development.

- Upgraded solution from AngularJS to Angular 13 while incorporating design elements with Material UI and Bootstrap
- Implemented the latest ArcGIS services from version 3.3 to 4.22 in the front-end code
- Displayed real-time information based on the client's asset location with web-socket implementation (SignalR) and ArcGIS services in Angular 13
- Implemented a cross-platform design capable of supporting a wide range of screen resolutions from tables to QHD resolutions
- Upgraded database from SQL Server 12 to SQL Server 2019
- Facilitated a transition from MVC .NET to Microsoft .NET Core version 3.1
- Provided an improved documentation system: SQL SSRS 2012 to SQL SSRS 2019
- Adopted GIT as a new version control which has facilitated a large-scale development
- Registered a performance increase of up to 60% in web page interaction

● September 2021 - **Software Developer** ● **Global Manufacturing Executing Systems (GMES)**

I was chosen to support and lead the business expansion of one of the UK's leading car manufacturers. During my on-site deployment, I delivered and integrated a newly proposed software solution to its newest plant facility. The solution comprised of a list of highly coupled software applications across the business, which ensured real-time data collection and processing throughout the entire production life cycle. My main responsibilities were to guarantee that the effective execution of manufacturing operations is met and to improve/adapt the proposed system to match the requirements of the new business.

- Translated business requirements into solutions using my newly developed technical knowledge of manufacturing software and systems: Microsoft technologies, GE Complicity HMI/SCADA Views, GE Proficy and SQL Server.
- Identified and solved complex technical problems within my area of responsibility, using in-depth analysis of data and scenarios while incorporating innovative approaches and techniques.
- Develop standards, procedures, training manuals, and other documentation for internal use
- Delivered virtual commissioning/emulation, testing, and simulation
- Developed a React web application to manage and remotely access all the GE HMI/SCADA Views

● March 2020 - joined  **Tata Technologies**

Interests



Video Games



Machine Learning and AI



Piano

**References are available upon request.*