Andrew Stets
Software Engineer

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Skills

C# / .Net
Angular
Asp.Net (Mvc / Web API)
Entity Framework
Solid
Design Patterns
Azure / Azure DevOps
JavaScript
TypeScript
RxJs
jQuery / Ajax
Jasmine
Karma
Html
CSS/SCSS
Material
Bootstrap
Sql
T-Sql
Git
Agile
RabbitMQ
SignalR

Experience

Saturn Visual Solution / Full Stack Software Engineer

September 2022 - PRESENT ~ England, Manchester, MediaCityUK, Quay West

Project: Saturn Visual - client management system, which includes: content management system (video, photo editing and content scheduling), personal web-player, etc.

~ Implemented **control systems**

- Designed and implemented control systems with load adjustments and autocorrect mechanisms using Azure Functions to automate various backend processes, improving system efficiency and responsiveness.

- Leveraged Azure DevOps and CI/CD pipelines for seamless deployment and monitoring of Azure Function-based solutions.

- Utilized Azure Cosmos DB and Azure Storage and MySQL to store and manage application data, ensuring high availability and scalability.

- Successfully reduced the workload of our support department by 40% through effective system automation and optimization.

~ **Developed an Error Monitoring System.**

- Designed and implemented an Error Monitoring System using Test-Driven Development (TDD) and Behavior-Driven Development (BDD) methodologies, ensuring robustness and reliability of the system.

- Utilized SOLID principles to develop clean, maintainable, and scalable codebase for enhanced system performance and maintainability.

- Implemented features to track device network status, device connections to screens, and other critical metrics, providing real-time insights and proactive error handling capabilities.

~ **Created the TimeTables online feature for content management system.**

Dev.Pro / Software Engineer

October 2021 - September 2022 ~ US, North Caroline

Project: Heartland - Payroll system / Customer relationship management services.

~ My team and I had migrated the frontend application from *Web-Form and Angular2* to *Angular 13*, which included creation of new frontend architecture as well as consideration and computation of the best approach to application workload and the loading sequence of the components.

~ I was part of the design and implementation process of a web application using ASP.NET MVC 5, Entity Framework with Repository patterns, Singleton design, and RESTful services and more specifically, I redesigned and redeveloped the RBAC (Role-Based Access Control) system which required rebuilding backend service (including database) and architecture modification.

~ I worked with customers and various internal teams to efficiently and effectively resolve field issues. I also promptly communicated the outcomes to upper management.

SoftServe / .Net Software Engineer
April 2019 - October 2021 ~ Ukraine, Lviv

Project: Easy CA (Easy Car Accident) - application that provides clients with an opportunity to register minor car accidents without inspectors and then send insurance companies all information for further processing of data and work with users.

~ I was involved in the requirement analysis and designed and developed a web application using ASP.NET (MVC and WebApi), C# and MongoDB.

~ I utilized Generics to create object collections and extensively utilized them to ensure type safety, thereby reducing runtime errors.

~ I created user interfaces utilizing MVC, HTML, XML, CSS, TypeScript JavaScript, AJAX, and Angular 11 to build responsive web pages, and also developed Master Pages.

~ I developed Custom Validation Controls to validate data in User Controls, utilized ASP.NET Validation Controls for server-side validation, and Typescript for client-side validation.

~ Implemented Angular Service calls using Angular Factory.

Education

National University of Water and Environmental Engineering / *Applied Mathematics (Computer Science)*

At the university, I went through a lot of substantive connections with my fields. Such as:
- Object-oriented programming in C# language and .Net (6 months)
- Create and support dynamic web application use HTML/CSS/JS languages (8 months)
- ***Mastering Data Structures & Algorithms (5 month)***
- Machine Learning and AI (3,5 month)
- Applied Algebra (6 months)

Additional Education
Courses / Trainings / Certifications

- I was working on a training project in .Net Club in the company SoftServe in the position: .NET/Angular developer on learning project and got certification that verifies my knowledge in web developments.

- IT-Step Academy 01.09.2012 – 28.05.2017. In the academy I learned HTML/CSS/JS/jQuery/.Net and have a Diploma that can confirm this.