



Serhii Avdieiev

Front-end Developer / TypeScript / React / Angular / Vue

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Technical skills overview

- **Overall Experience in development** - more then 18 years
- **Javascript / Typescript** - over 15 years
- **Full-Stack development** - 4 years
- **React / Redux / Next / GraphQL** - Over 5 years
- **Angular / NgRx / RxJs / Angular material** - over 4 years
- **VueJS / VueStoreFront / Nuxt** - over 3 years
- **NodeJS** - over 3 years
- **Amazon Cloud Services / Google Cloud / Microsoft Azure** - over 7 years
- **English** - Upper-Intermediate

Profile

Passionate and talented information technologies professional, teacher and mentor with extensive experience in front-end development. I have product thinking mind set, and a knack for mentoring junior and middle developers. Besides my technical expertise I have demonstrated technical leadership with over 10+ years, established processes and was responsible for project architecture.

My wide professional skills help me solve extremely complex technological issues of development, constantly improving my skills on my own and commercial projects.

A specialist with more than eighteen years of diverse experience in the software development. Various software domains. My main working stack: Typescript, React, Angular, VueJS.

When I write the code, I try to optimize it and test the new functionality for myself like so to relieve QA engineers of unnecessary routine checks. I have mentoring experience, namely, I worked with a small group of junior front-end developers and helped them solve problematic issues related to project setup, explained them main concepts of the JavaScript programming language. In total, more than 50 projects from scratch of varying complexity have been implemented, as well as 20 projects with support.

I have a lot of experience working with SCRUM methodology with teams of various complexity, from 4 people in a team to 20. I have an IC Agile certificate.

I am an experienced, highly motivated professional with a persistent habit of self-improvement and a thirst for learning modern technologies.

Personal details

Date of birth

May 11, 1986

LinkedIn

linkedin.com/in/serhii-avdieiev

Github

github.com/taypyc

Certification

ICAgile Certified Professional

Skills

Typescript

React / Redux / Next / GraphQL / Hygraph

Angular / NgRx / RxJs / Angular material

VueJS / VueStoreFront / Nuxt

NodeJS

Design patterns and principles

CSS3 (Flex, Grid Layouts) / SASS (SCSS) / LESS / Compass / Tailwind CSS / CSS-in-JS / Styled Components

HTML5 / Canvas

Python

Achievements

Best IT industry practices believer and follower: CI/CD, Code Review, Quality Control. Led Developer teams of more than 5 members, driving task management. Strong and substantial expertise in the Frontend Development domain. Constantly gaining new skills and applying them on my Pet-projects. A good managerial background that allows me to act independently in the accordance with customer's projects goals. Expertise in modern JavaScript frameworks and programming approaches: React, Angular, and Vue.js; I have advanced proficiency in HTML5, CSS3 and Javascript technologies. Worked in various teams to identify issues with velocity, delivery and quality and solve them.

- **Responsive Design:** Creating web pages that work seamlessly across various devices and screen sizes.
- **Accessibility:** Ensuring web content is accessible to all users, including those with disabilities, by following WCAG guidelines.
- **Performance Optimization:** Reducing page load times through techniques like code splitting, lazy loading, and efficient resource management. Improving site visibility and search engine ranking through well-structured, optimized code. Increased bad performance of applications, with deep architectural review. As an output the project for now highly revenue
- **User Experience (UX) Enhancements:** Developing engaging and intuitive user interfaces. Iterating on designs and functionality based on user feedback and testing.
- **Innovative Projects:** Building unique projects that showcase creativity and technical skills
- **Collaboration and Teamwork:** Working effectively with backend developers, DevOps, designers, and other stakeholders, guiding junior/middle developers and sharing knowledges within the team.
- **Certifications:** Earning certification from ICAgile.
- **Awards:** Winner #1 of Microsoft's HTML5 / CSS3 Developer Contest.
- **Meetups and Conferences:** Attendance of conferences, meetups and knowledge sharing activities.
- **Testing and Debugging:** unit tests, end-to-end tests and debugging tools
- **Continuous Learning:** Staying current with the latest trends, tools, and best practices in frontend development, continuously expanding the skill set with new libraries, frameworks, and tools.

Additional skills

GraphCommerce

jQuery

Emotion

Wix.com Builder

Express

Builder.io

PHP

MySQL

RESTful API / Websocket /
Service Workers

Amazon Cloud Services /
Google Cloud / Microsoft
Azure

Testing / Debugging tools

Agile methodologies – Scrum,
Kanban

Hobbies

■ Information technologies

■ Programming / AI /
Machine Learning

■ Pet projects

■ Music | Musical instruments
| Playing guitar

■ Books

VRML

Email marketing letters

Magento Cloud

Knowledge of ARIA (Accessible Rich Internet Applications) standards

Soft Skills

Communication

Teamplayer

Attention to Detail

Emotional Intelligence

Problem-Solving

Adaptability

Leadership

Time Management

Conflict Resolving

Creativity

Work Ethic

Decision-Making

Networking

Stress Management

Self-Motivation

Open-Mindedness

Fast learner

Strong logic, and analytical skills

Education

Bachelor degree in Programming

Sep 2001 – Jun 2006

Mykolayiv High School, Mykolayiv
Bachelor diploma

Achievements

- Completed bachelor degree program
- Focus on programming and engineering
- Professional technical education

Master degree in Intelligent Decision-Making Systems

Sep 2006 – Jun 2009

Black Sea State University named after Petro Mohyla, Mykolayiv
Speciality: Intelligent systems of making decisions
Master diploma

Achievements

- Specialized in intelligent systems
- Faculty of Computer Science graduate
- Completed Master diploma program

Management Tools

Atlassian: Jira / Confluence /
Rovo / Compass / Loom

Test Rail

Spira-Team

Rally

Trello

Wrike

Redmine

Basecamp

Teamwork

Monday.com

Zoho.com

Additional developer tools

Google Page Speed Insights

Google Search Console

Google Analytics

React Dev Tools

Vue Devtools

Tools and technologies

Webpack / Gulp / Grunt / Vite

Bootstrap 5+

Leaflet

Docker, Vagrant

GitLab CI, CD / Jenkins

Camunda

Elastic Search / Open Search

Adobe Photoshop / Adobe
Illustrator / Figma / AdobeXD /
Zeplin / inVision / Canva

Cloud application hosting:
Vercel, Render, Github Pages,
Heroku

Tools for icons and fonts

Fontello

FontAwesome

Icomoon

Employment

Senior Software Developer

Jan 2022 - Present

Ukrsibbank, Kyiv

Technical stack: Typescript, HTML5, SCSS, Angular, Camunda, Vite, Node.js, Docker, AWS, RESTful API

Responsibilities:

- Analysis and estimation of Backlog tasks;
- Interaction with backend developers to negotiate APIs;
- Understand all functional and non-functional requirements, translate these into a solid design and follow through with implementation, code review and testing activities;
- API integration and implementation of user interfaces;
- Migrating from AngularJS to Angular (the newer version), using the tool **ngUpgrade**;
- Communicating with the CTO and rest of the team (developers, designers and PMs);
- Development of new functionality of the application, estimation time of development/improvement of new functionality, discussion of tasks, testing, debugging;
- Work towards frequent high-quality releases and meet deadlines;
- Be a part of a team focused on creating high-complexity Angular - components that allow applications' users to sign documents up with its digital sign;
- Technical analysis of the complexity of tasks;
- Work as part of an agile development team;
- Work with complex functional, technical, architectural requirements;
- Reusable well-written code;
- Writing and updating the technical documentation of the project;
- Integrating third-party libraries that are not designed for Angular;
- Mentoring and coaching middle team members;
- End-to-End Testing;
- Unit Testing;

Achievements:

- Ability to work efficiently in a fast-paced environment;

- Finance domain;
- Migration from outdated AngularJS to Angular 16+;
- Implemented a lot of new functionalities for the better user experience;
- Experience with Camunda management system – a platform for automatization the work processes and decision-making;
- Creating Digital signature module for application;

Senior Front-End Developer

Jan 2021 – Jan 2022

Luxinten, Ternopil

Technical stack: Typescript, HTML5, SCSS, React, GraphQL, Docker, AWS, Webpack, RESTful API

Responsibilities:

- Creating Progressive Web Applications;
- Work towards frequent high-quality releases and meet deadlines;
- Development and support of web applications;
- Analysis and estimation of Backlog tasks;
- Maintain and Optimize web pages for maximum speed and scalability;
- Maintaining the existing projects, implementation of code improvements, as well as implementation of the client's wishes into the project;
- New feature development, product analysis, testing, and debugging;
- Working with complex functional, technical, architectural requirements and their implementation in architectural specifications;
- API integration and implementation of user interfaces on MUI;
- Optimizing the performance of web applications;
- Participation in designing the architecture of web applications;
- Interaction with backend developers to negotiate APIs;
- Supporting the development of other team members through participation in code reviews, paired activities and mentoring;
- Writing and updating the technical documentation of the project;
- Mentoring and coaching middle team members;
- Unit Testing;
- RESTful API;
- Designing, developing, and testing UI for web applications;
- Build reusable code and libraries for future use;
- Accurately translate user and business needs into functional frontend code;

Achievements:

- Worked simultaneously on 2 projects;
- Maintained the existing projects, implemented customers wishes for the better user buying experience;

Senior Front-End Developer

Jan 2019 – Dec 2020

Yakaboo.ua, Kyiv

Technical stack: Typescript, HTML5, SCSS, Angular, Node.js, Docker, AWS, Vite, RESTful API

Responsibilities:

- Participate in product development at all stages, attend all scheduled meetings according to the project, perform assessment, design and development of new functionality;
- Introduce innovative technologies and improve existing code;
- Analysis and estimation of Backlog tasks;

- Developing engaging and intuitive user interfaces;
- RESTful API;
- Build reusable code for web applications;
- Work closely with the team lead, product manager, and marketing stakeholders to vision, develop, and measure;
- Design, and develop new client-side features and A/B tests; including self-contained, reusable, and testable modules and components;
- Refactor or retire code;
- Act as a tech lead for the scope of the tasks; mitigate risks; work to ensure quality and highly performant application;
- Contribute to team deployment, CI/CD; including on-call escalation responsibility on production;
- Collaborate with IT, Security, and other RnD colleagues to ensure best practices;
- Contribute to team knowledge and product quality;
- Write technical documents and foster learning;
- Promote a good team atmosphere;
- Unit testing;

Achievements:

- Key frontend lead developer in a team with more than 4 developers;
- Reviews of other developers to identify bad ones written code;
- Updated outdated libraries to the latest versions;
- Optimized legacy code to speed up the site and improve the user experience;

Senior Front-End Developer

Jan 2017 – Jan 2019

Ciklum, Kyiv

Technical stack: Typescript, HTML5, LESS, Angular, AWS, Grunt, GraphQL

Responsibilities:

- Analysis and estimation of Backlog tasks;
- Development and continuous improvement of the code quality assurance process;
- Development of new functionality;
- Researching and Code Development;
- Working with SCRUM methodology;
- Designing, developing, and testing web application;
- Build reusable code and libraries for future use;
- Ensuring web content is accessible to all users, including those with disabilities;
- Development and support of the CI / CD process;
- Product quality assurance;
- Developing engaging and intuitive user interfaces;
- Ensure the technical feasibility of UI/UX designs;
- Optimize applications for maximum speed and scalability;
- Collaborate with other team members and stakeholders on all parts of the stack;
- Create technical documentation and well-commented code;
- Minimize and maintain 3rd party library dependencies.
- Integration testing, unit testing;

Achievements:

- Work with microservices;
- Gained experience in integration with third-party services via API;
- RESTful and GraphQL API;

- Frontend Team Lead;
- Developers' code reviews and refactoring;
- One of the main frontend developers who worked on high-loaded large projects with huge turnaround;
- Scrum trained;
- ICAgile Certified Professional certificate;

Full-Stack Developer

Jan 2015 – Dec 2016

Liga.net, Kyiv

Technical stack: TypeScript, HTML5, LESS, PHP, MySQL

Responsibilities:

- Full Stack Development;
- Take the initiative and assume ownership for tasks or problems;
- Take full responsibility for test-driven development and work effectively with QA;
- Analysis and estimation of Backlog tasks;
- Maintain existing and development of new functionality of the portal, which consists of 6 separate sites;
- Participation in daily meetings related to portal improvements;
- Developing engaging and intuitive user interfaces;
- Development of adaptive and responsive versions for 6 main sites of the portal liga.net;
- Description of internal technical documentation;
- Integrating third-party libraries;
- Working with microservices;
- RESTful API;
- High-quality reusable code for using in application;
- Unit testing;

Achievements:

- Increased performance indicators for all portal sites to 95 points using such a tool as Page Speed Insights;
- Redesigned 6 portal sites from tabular layout to modern approaches to page layout;
- For the first time in my professional career, I have took the job of supporting the --portal backend part and worked as a Full-Stack developer;
- During my work on the project, I have increased my knowledges level of server technologies, such as PHP, MySQL, Docker Engine, and also saved the company's resources for hiring an additional Backend-developer;

Front-End Developer

Jan 2012 – Jan 2015

Lindenvally GmbH, Kyiv

Technical stack: JavaScript, HTML5 + Canvas, CSS3, PhaserJS

Responsibilities:

- Evaluate tasks from the Backlog;
- Development and continuous improvement of the code quality assurance process;
- Developing engaging and intuitive user interfaces;
- Development of new functionality;
- Finding and eliminating bugs;
- Define future technologies and project architecture together with the team;
- Optimizing website performance for end users;
- Participate in the code review process;

- Project management and task delivery control;
- Description of internal technical documentation;
- Eslint Configuration;
- Collaborate with other teams in design workshops
- Build reusable code and libraries for future use;
- Create technical documentation and well-commented code;
- Unit testing;

Achievements:

- Version Control:** Gained experience with version control systems such as Git, SVN, Mercurial for code collaboration and change tracking;
- Semantic HTML.** Used semantic HTML tags and attributes to improve accessibility and SEO optimization of web pages;
- Web analytics.** Learned to understand website analytics using tools, such as Google Analytics.

Front-End Developer

Jan 2007 – Jan 2012

GeekForLess, Mykolayiv

Technical stack: JavaScript, HTML5, CSS3

Responsibilities:

- Analysis and estimation of Backlog tasks;
- Collaboration with UI/UX designers to discuss the technical feasibility of implementing the necessary visual components to the site;
- Estimation, tasks prioritization;
- Participation in Scrum meetings to represent the front-end development team;
- Mark-up Email Marketing newsletters for customers inbox;
- Responsive and adaptive designs development for various devices across the different customer platforms;
- Improve practices and design principles;
- Reusable well-written code;

Achievements:

- As a Frontend Developer, I had played a pivotal role in creating dynamic and responsive user interfaces that had enhanced the overall user experience across web and mobile platforms. My primary responsibility had been to translate design concepts into functional, high-quality code, utilizing the latest frontend technologies and best practices;
- Collaborated closely with design and backend teams;
- Using HTML / CSS / JavaScript technologies. Knowledge and ability to work with basic web development technologies to create functional and attractive UI;
- Performance optimization. Ability to reduce web pages load times and improve performance by caching, compressing files, using so-called SVG-sprites, CSS-sprites, iconic fonts and other methods, taking into account the recommendations from Google Page Speed.