

Victor Hristov

Senior Software Engineer (Frontend-focused / Full-stack)

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SUMMARY

Frontend-focused software engineer with 10+ years of experience delivering high-quality web applications using React and Angular. Strong background in building scalable, responsive UIs, improving performance, and shipping reliably across modern browsers and devices. Hands-on experience with headless CMS solutions (including WordPress/Gutenberg), backend development with Node.js, and containerization with Docker. Known for clean code practices, pragmatic problem solving, and effective collaboration across cross-functional teams.

CORE EXPERTISE

- Content platforms / Web publishing: editor workflows, headless CMS, content delivery to modern web frontends
- Frontend engineering: React, Next.js, Angular, TypeScript, state management, component architecture
- Quality & maintainability: code reviews, testing, tech debt reduction, stable delivery
- Full-stack (frontend-leaning): Node.js services, API integration, CI/CD collaboration, Docker
- Performance: optimization for real devices, caching, responsive design, robust UX

SKILLS

Technologies: React, NextJS, Angular, AngularJS, React Native, Node.js, TypeScript, JavaScript, HTML/CSS, Redux, Jest, SCSS, VueJS, Wordpress, Python, Firebase, GatsbyJS, Material Design, jQuery, Umbraco CMS, Git, Bitbucket, CSS, Chakra UI, Tailwind CSS, AI, Generative AI

Tools: Docker, GraphQL, Webpack, gulp.js, Google Maps API, SQL Server Management Studio, Git, Jira

Methodologies: Agile & Scrum Methodologies, Kanban, Scrum, Feature flagging

WORK EXPERIENCE

Client names are intentionally not disclosed in this public CV. In several engagements, clients explicitly require confidentiality; I respect those requirements and describe them in a client-safe way (e.g., "major sports organization", "digital health platform").

Major US sports organization (team sites + content + web stats)

Web Full-stack Developer (frontend-leaning) · Sep 2025 – Present

The client is a major US sports organization. The work covers features and statistics experiences for team websites and related web platforms.

RESPONSIBILITIES

- Develop and maintain features for team sites and related web experiences
- Participate in code reviews and improve code quality, maintainability, and test coverage
- Address technical debt and contribute to stable, predictable delivery
- Develop and maintain features on Team Sites
- Conducted in-depth code reviews to ensure adherence to quality standards, design principles, and long-term maintainability
- Expanded automated test coverage, identifying gaps in existing strategies and contributing to test framework improvements
- Tracked and prioritized technical debt, aligning refactoring efforts with long-term product goals
- Coaching and mentoring junior team members

Technologies: JavaScript, TypeScript, React, Next.js, Node.js, WordPress, HTML, CSS, Tailwind CSS, Jest, Unit Testing, Git, Bitbucket, Jira, Media, Live or sports events

Beauty & cosmetology education platform (video-sharing for learning)

Web Front-end Developer · Nov 2023 – Jun 2024

The client operates in beauty and cosmetology education. The application under scope is a video-sharing platform for educational purposes.

RESPONSIBILITIES

- Enhance user experience and core functionality
- Investigate and fix bugs to improve stability and performance
- Focused on enhancing user experience and improving functionality
- Addressed and resolved software bugs to enhance system performance

OUTCOMES

- Stabilized key user flows by resolving high-priority bugs while feature development stayed active
- Improved the user experience in core screens of the learning platform

Technologies: Angular, TypeScript, Git, Jira, CSS

Internal certificate management platform (end-to-end issuance & revocation)

Web Front-end Developer · Nov 2023 - Jun 2024

This is an internal platform for managing the entire certificate issuance process, from configuring certificate areas with descriptions to issuing and potentially revoking certificates.

RESPONSIBILITIES

- Build new features and improve overall performance
- Integrate with another internal platform
- Collaborate closely with colleagues on delivery and quality
- Worked closely with colleagues to develop new functionalities and improve the project's overall performance
- Handled the integration with another internal platform to synchronize certificate area categories and skills
- Showed expertise in managing intricate architectural designs and effectively managing data movements across the application
- Carefully chose and integrated external libraries, taking into account their performance, compatibility, and long-term maintainability
- Performed comprehensive testing and debugging to guarantee the code's quality and the application's performance

OUTCOMES

- Shipped the cross-platform integration syncing certificate areas and skills; the platform is in internal use today
- Streamlined the certificate issuance workflow for administrators
- Takeaway: trusted with architecture-heavy data-flow work on an internal, business-critical tool

Technologies: React, Redux, TypeScript, ChakraUI, Jest, Jira, Git

US building-materials manufacturer (web platform modernization)

Web Front-end Developer · Jan 2019 – Jun 2023

The client is a leading US building-materials manufacturer serving the construction and design industry. The primary focus was a major AngularJS to React migration, along with feature delivery, extensive bug fixing, and comprehensive unit testing.

RESPONSIBILITIES

- Led key parts of an AngularJS → React migration, balancing delivery and risk
- Implemented new features and performed substantial bug fixing
- Wrote unit tests and contributed to maintainability improvements
- Made informed decisions on third-party libraries (performance, compatibility, maintainability)
- Collaborated with a team to successfully implement new features and enhance the functionality of the project
- Conducted thorough bug fixing and troubleshooting to ensure a smooth user experience

- Demonstrated proficiency in working with complex architectural patterns and efficiently handling data flow within the application
- Contributed to the modernization and performance optimization of the application
- Made informed decisions regarding the selection and integration of third-party libraries, considering factors such as performance, compatibility, and maintainability
- Conducted thorough testing and debugging to ensure high-quality code and optimal performance
- Actively participated in code reviews, providing valuable feedback and suggestions to improve code quality and maintainability

OUTCOMES

- Owned migration areas end-to-end while the application kept shipping features throughout the multi-year migration
- Grew unit test coverage from a very low baseline across the modules I migrated
- The modernized application remains in production today
- Takeaway: a 4.5-year engagement on the client's highest-risk modernization work

Technologies: React, Redux, TypeScript, AngularJS, Jest, Webpack, Docker

Marketing site + WordPress integrations (enterprise CMS constraints)

Web Front-end Developer · Jun 2018 – Sep 2021

The client is a leading US building-materials manufacturer. For their marketing site, I developed AngularJS components used within WordPress, collaborated with WordPress plugins, optimized responsive styles for mobile devices, performed speed optimizations, and reviewed merge requests.

RESPONSIBILITIES

- Built AngularJS components used within WordPress pages and workflows
- Collaborated with WordPress plugins and integrated UI with CMS constraints
- Optimized responsive styles for mobile devices
- Contributed to testing/debugging and code review process
- Contributed to the development of AngularJS components integrated with WordPress for the marketing site
- Utilized WordPress plugins to enhance site functionality and user experience
- Optimized responsive styles to ensure seamless display on various mobile devices
- Conducted speed optimizations to improve website performance and loading times
- Reviewed and provided feedback on merge requests to maintain code quality and reliability

OUTCOMES

- AngularJS components integrated into the client's production marketing site and in use for years
- Improved mobile responsiveness and load times through targeted speed optimizations
- Takeaway: part of a 5+ year relationship spanning four separate projects with the same client

Technologies: AngularJS, WordPress, TypeScript, Build Tool Grunt, Docker

Dealer locator (Google Maps) + WordPress

Web Front-end Developer · Apr 2018 – Jun 2018

The client is a leading US building-materials manufacturer serving the construction and design industry. I developed a web application from scratch using AngularJS, TypeScript, and the Google Maps API, implementing nearest-dealer discovery, filtering and sorting, and responsive mobile styling. I ensured optimal performance and internet speed, incorporated Bootstrap for styling, and added unit tests using Karma and Jest. Despite the short deadline, I delivered the project with high quality.

RESPONSIBILITIES

- Built a web application from scratch using AngularJS and TypeScript
- Implemented nearest-dealer search, filtering and sorting, and map interactions
- Developed a web application from scratch using AngularJS, TypeScript, and the Google Maps API for the project
- Ensured high performance and responsive styling for optimal user experience across different devices

- Conducted unit tests using Karma and Jest for code quality assurance

OUTCOMES

- Delivered the complete search → map → details experience from scratch within a roughly two-month window
- Shipped with unit tests (Karma/Jest) despite the compressed timeline
- Takeaway: a full product delivered under deadline; the client continued the collaboration with a three-year engagement afterward

Technologies: AngularJS, TypeScript, Google Maps API, Bootstrap, Karma Test Runner, Jasmine, Build Tool Grunt, Jest

Retail kiosk application (store displays) + offline/performance constraints

Web Front-end Developer · **Nov 2017 – Apr 2018**

The client is a leading US building-materials manufacturer. The project involved creating a kiosk application for displays in stores and shopping centers. Using WordPress CMS, I developed the application from scratch and integrated existing AngularJS applications into it, ensuring pixel-perfect design and optimizing performance for high-quality images and low Wi-Fi signals.

RESPONSIBILITIES

- Built a kiosk web app for in-store displays with strong performance constraints
- Applied caching techniques to keep performance smooth, including offline mode
- Simplified the codebase and removed unnecessary styles to improve UX
- Developed a kiosk application from scratch using WordPress CMS for displays in stores and shopping centers to attract consumers' attention
- Integrated existing AngularJS applications into the kiosk application to provide enhanced functionality and user experience
- Ensured pixel-perfect design and optimized performance for high-quality images and low Wi-Fi signals
- Collaborated with the team to overcome challenges related to the optimization and caching of resources
- Successfully delivered the project, earning client satisfaction and continued trust for further enhancements and feature additions to the AngularJS applications

OUTCOMES

- Kiosk ran on constrained in-store hardware with offline and low-Wi-Fi support via caching strategies
- Client satisfaction led directly to continued engagement and further feature work
- Takeaway: the first project in what became a multi-year, four-project client relationship

Technologies: AngularJS, WordPress, Build Tool Grunt, JavaScript, Git, Jira, Scrum

Sports education & safety organization (mobile web integration)

Web Front-end Developer · **Feb 2018 – Mar 2018**

The client is a sports education and safety organization. I was responsible for integrating the current website into native applications for iOS and Android, including changes around authentication flows and mobile UX improvements.

RESPONSIBILITIES

- Integrated an existing website into a new mobile app experience
- Implemented UI changes and ensured cross-device consistency
- Integrated the existing website into native applications for iOS and Android
- Modified and optimized processes related to login, logout, password management, and email redirection for the forgot password feature
- Conducted component refactoring to improve code structure and maintainability
- Implemented style changes to enhance the user experience on mobile devices

OUTCOMES

- Delivered the website-to-mobile-app integration, including authentication flows, within a roughly two-month engagement

Technologies: AngularJS, Webpack, JavaScript, Git, Jira, Scrum

Digital health coaching & analytics platform (multi-portal)

Web Front-end Developer · Nov 2016 - May 2018

The client provides a digital health coaching and analytics platform. I worked on three web portals (client, coach, admin), focusing on new features (especially chat improvements, file sharing, and configuring roles/permissions) while collaborating with a .NET backend team.

RESPONSIBILITIES

- Built new features across portals
- Enhanced chat functionality and file sharing
- Supported coaching workflows and configuration features
- Developed new features and functionality, with a focus on enhancing the chat system, implementing file-sharing capabilities, and configuring coaches' roles and permissions in the admin portal
- Collaborated closely with the backend team to ensure seamless integration of frontend and backend components
- Followed best practices in AngularJS and responsive design to deliver a user-friendly and visually appealing web experience

OUTCOMES

- Shipped features across three portals (client, coach, admin) over an 18-month engagement
- Enhanced the chat and file-sharing capabilities used daily by coaches and clients
- Takeaway: delivered consistently across a multi-portal product for a year and a half

Technologies: AngularJS, JavaScript, HTML/CSS, SQL Server Management Studio, Git, Jira, Scrum

Automotive data services provider (website redesign)

Web Front-end Developer · May 2017 - Jun 2017

The client is an automotive data services provider. I took a lead role in planning, executing, and coordinating a redesign of the website, implementing best practices and meeting tight deadlines, including work with Umbraco CMS.

RESPONSIBILITIES

- Took a lead role in planning and coordinating a website redesign
- Implemented new UI and improved performance and maintainability
- Led the front-end redesign of the website, adhering to best practices and ensuring a seamless user experience
- Collaborated with the team to meet project deadlines and deliver a visually appealing and responsive website
- Implemented Umbraco CMS, gaining expertise in content management systems and effectively managing website content

OUTCOMES

- Led the front-end redesign end-to-end and delivered on a tight deadline

Technologies: JavaScript, jQuery, HTML/CSS, Umbraco CMS, Git, Jira

Outdoor equipment / environment solutions provider

Web Developer · Nov 2016 - Jan 2017

The client provides innovative solutions for outdoor environments worldwide. I implemented UI adjustments and attachment display behaviors, prioritized performance optimization through caching, streamlined the codebase using vanilla JavaScript, and integrated email functionality for configuration sharing.

RESPONSIBILITIES

- Implemented adjustments and UI behaviors for product attachments
- Focused on performance optimization and responsiveness
- Utilized caching techniques to ensure smooth application performance, even in offline mode
- Streamlined the codebase by utilizing vanilla JavaScript and removing unnecessary styles

OUTCOMES

- Improved perceived performance of key pages via caching and offline support
- Simplified the codebase by removing redundant styles and scripts

Technologies: JavaScript, HTML/CSS, AJAX, Material Design, gulp.js, Git, Jira

EDUCATION

Bachelor's Degree, Transportation Engineering, Todor Kableshev University of Transport	2011–2015
Electronics and Computer Engineering Technology, Professional School of Mechanics and Electrotechnics	2000–2005

CERTIFICATIONS & TRAINING

Microsoft Certified: Azure AI Engineer Associate (AI-102)	Jun 2025
React Proficient (internal engineering academy)	Sep 2023
React Native Professional (internal engineering academy)	Jan 2024
Mentoring Skills / Delegation / Interviewing / Growth & Agility (internal engineering academy)	Dec 2023
Engineering Standards & Processes (internal engineering academy)	Dec 2023
Additional training: Next.js, React, React Native, TypeScript, Microfrontends, LangChain (Python)	