

Pavel Vishnepolsky

Senior Front-End Engineer (React)

Oakville, ON | 289-795-9174 | pavish83@gmail.com | linkedin.com/in/pavel-vishnepolsky

Innovative Senior Front-End Engineer with extensive experience designing and developing scalable, high-performance web applications. Proficient in modern frameworks and technologies (React.js, Redux, and Vue.js), performance optimization techniques, and testing frameworks. Experienced in responsive, cross-platform UI development, third-party API integration, and building maintainable component-based applications. Skilled in collaborating with cross-functional teams and aligning technical delivery with business objectives. Effective problem-solver, committed to delivering high-quality software by combining efficient development practices and tailored user-focused solutions.

CORE COMPETENCIES

- 10+ years of expertise in front-end development, with proficiency in HTML, CSS, and JavaScript, leveraging state management libraries and modern build tools to deliver functional and scalable solutions
- In-depth understanding of responsive design (UI/UX) principles and cross-browser compatibility, with a focus on delivering intuitive, consistent, and user-friendly experiences
- Proficient in CI/CD pipelines, version control systems (e.g., Git), and automated testing frameworks to ensure consistent delivery and code reliability
- Skilled in server-side rendering (SSR) and static site generation (SSG) for optimized performance and search engine visibility
- Strong attention to detail, analytical mindset, and a proven ability to adapt to shifting priorities and resolve challenges, coupled with a rapid grasp of new technologies and best practices
- Effective communication and interpersonal skills and a proven ability to build connections and collaborate effectively with cross-functional teams, management, and key internal and external stakeholders

TECHNICAL EXPERTISE

Programming & Scripting: JavaScript (ES6+), TypeScript, HTML5, CSS3, SASS/SCSS

Frontend Frameworks & Libraries: React.js, Vue.js, Angular, Node.js, Redux, Vuex, Vuetify, Bootstrap, Material Design, Tailwind

Build & Optimization Tools: Webpack, Babel, Vite, ESLint, Code-Splitting

Testing & QA Tools: Jest, React Testing Library, Postman

Back-End & API Integration: REST APIs

Databases: MySQL, MongoDB

DevOps & CI/CD Tools: Docker, DevSpace (Kubernetes), Jenkins

Version Control Systems: Git, TFS

Collaboration & Workflow Tools: Jira, Redmine, Slack, Figma

PROFESSIONAL EXPERIENCE

Senior Front End Developer (React) | LXT, Mississauga, ON

March 2023 – Present

- Leads the design and implementation of the front-end architecture using React.js and Redux, delivering a scalable, maintainable, and high-performance web application.
- Elevates code quality and delivery by introducing structured code reviews and establishing a suite of unit tests powered by Jest and React Testing Library, significantly reducing regression issues and enhancing reliability.
- Supervises a team of 3 front-end developers, providing technical guidance, conducting code reviews, prioritizing feature development, bug resolution, and ensuring open communication within the team.
- Monitors and prioritizes new issues and requests from various stakeholders, including community managers and customer support teams, ensuring timely resolution and aligning outcomes with user needs.
- Contributes to roadmap discussions and sprint planning by evaluating technical feasibility, estimating effort, and aligning development priorities with business objectives.

Pavel Vishnepolsky

Oakville, ON | 289-795-9174 | pavish83@gmail.com | linkedin.com/in/pavel-vishnepolsky

Key Achievements:

- Stabilized a delayed project by introducing end-to-end testing infrastructure, staging integration, feature development, and improved team communication, resulting in a fully functional launch within 3 months.
- Oversaw performance optimization of the marketplace platform by implementing bundle refinements, lazy loading, virtualization for large data sets, and state management improvements, achieving a 30% reduction in load time and enhanced user responsiveness.
- Created comprehensive documentation covering the codebase, deployment processes, and application architecture to support onboarding and foster knowledge sharing within the team.

Front End Developer | AvaTrade, Israel

June 2018 – March 2023

- Maintained and optimized a legacy AngularJS codebase while executing a gradual migration to Vue.js, ensuring uninterrupted functionality, continuous delivery of new features, and minimal disruption during the transition.
- Developed a generic WhiteLabel ecosystem, enabling effective customer-to-platform interactions and improving scalability and integration efficiency across multiple client platforms.
- Built internal tools and custom widgets for the marketing department, automating workflows and enhancing team efficiency.
- Integrated and tested third-party services (e.g., tracking and analytics) and performed troubleshooting, ensuring system reliability, functionality, and seamless cross-platform performance.
- Partnered with product managers, UI designers, QA teams, and backend developers to define acceptance criteria, enhance automated testing coverage, and accelerate reliable software releases.
- **Key Impact:** Collaborated closely with product managers and team leads to plan and execute the migration timeline, delivering a modern Vue.js application with improved responsiveness, faster load times, full desktop and mobile compatibility, and enhanced state management with Vuex, resulting in a more maintainable, efficient, and scalable front-end application.

Front End Developer | ironSource (acquired by Unity), Israel

February 2014 – July 2018

- Developed and maintained a comprehensive, web-based ad platform admin application, enabling internal teams to efficiently manage ad campaigns, optimize ad delivery, and improve platform operations.
- Designed intuitive, responsive interfaces with Angular, HTML5, and modern CSS, enhancing usability, functionality, and overall user experience.
- Integrated third-party APIs for ad tracking and analytics, improving data accuracy and supporting business teams in making data-driven decisions with confidence.
- Performed comprehensive testing, including unit, integration, and end-to-end (e2e) testing, to enhance code reliability, maintain quality, reduce defects, and ensure stable deployments.
- Collaborated closely across business, product, and R&D teams to translate high-level goals into technical requirements, delivering scalable UI features that align with strategic business goals.

QA Engineer | AfterDownload Ltd., Israel

April 2011 – February 2014

- Tested ad-network functionality across web platforms, thoroughly verifying monetization flows throughout the download funnel to ensure system reliability, data accuracy, and optimal CPC performance.
- Planned, executed, and maintained test suites, including acceptance, manual, and automated tests, across multiple environments to reliably catch regressions and validate new feature releases.
- Built and optimized responsive landing pages using HTML and CSS, ensuring cross-browser and cross-device compatibility, seamless load performance, and an optimal user experience.
- Collaborated with cross-functional teams, including product managers and developers, to analyze business and functional requirements, define test coverage, and ensure alignment with client expectations.

Pavel Vishnepolsky

Oakville, ON | 289-795-9174 | pavish83@gmail.com | [linkedin.com/in/pavel-vishnepolsky](https://www.linkedin.com/in/pavel-vishnepolsky)

EDUCATION AND CERTIFICATION

.NET Programming Certification John Bryce College, Israel	2011
Bachelor's Degree in Geography and Environment Bar-Ilan University, Israel	2009

ADDITIONAL INFORMATION FOR CORE COMPETENCIES

- Experienced in applying Agile methodologies for efficient project management, setting clear objectives and realistic timelines for successful project execution
- Highly competent in translating business requirements into scalable solutions through comprehensive architecture and well-defined technical specifications
- Experienced in performing system testing and quality assurance activities to validate and verify components before production releases
- Excellent leadership and team-building skills and experience in managing and mentoring teams throughout the project's various stages, maximizing performance and fostering continuous improvement