

Stephen R. Pearce

Toronto, ON

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Full-Stack Javascript Developer/Lead

Technical lead and full-stack developer with 15+ years experience in single page apps, highly scalable backends and modernization and replacement of legacy systems

Technical Skills

Languages	Javascript, TypeScript, PHP, C#, VB.NET, Java
Frontend	HTML, CSS, React web/Native, Redux, styled-components, Sass, Svelte, jQuery, Bootstrap, WebSockets, AJAX
Backend	Node.js, Express.js, Redis, Contentful, Socket.IO, MySQL, PostgreSQL, GraphQL/Apollo, RESTful APIs
Tools	Webpack, Jest, React Testing Library, Enzyme, Babel, ESLint, npm/Yarn, Grunt, Git, JIRA, Confluence
Infrastructure	Nginx, GCP/GKE, OpenShift, Docker, GitHub Actions

Professional Experience

Aug. 2024 - Feb. 2025 Toronto, ON	<p>Nearform</p> <p>Senior Software Engineer (6 months)</p> <ul style="list-style-type: none">• Performed analysis, estimation, documentation, testing and implementation for clients: Alvys and Viral Nation• Mentored developers in unfamiliar technical areas• Assisted other team members in debugging development issues• Worked on both frontend and backend development• Designed database schemas and implemented migration scripts• Contributed to open source projects• Handled deployments and releases using GitHub Actions• Used cloud-based hosting on Azure DevOps and GCP
Aug. 2017 - Jan. 2024 Toronto, ON	<p>TELUS Digital</p> <p>Technical Lead (2.5 years)</p> <ul style="list-style-type: none">• Directed team code reviews, coding standards, releases processes• Worked with product owners, stakeholders and management to analyze technical asks and set expectations for deliverables• Interviewed and assessed candidates for technical/business roles• Performed architectural analysis for new and existing applications• Represented the team in discussions with external stakeholders• Mentored junior developers and assisted with onboarding• Provided coaching, feedback and career development for developers• Resolved CI/CD build and pipeline issues

Senior Full-Stack Developer (4 years)

- Planned, estimated, documented and lead technical changes for business marketing and mobility e-commerce web applications
- Implemented and maintained various UI components in React with supporting libraries, design system and structured CMS content
- Added and maintained unit tests using Jest and Enzyme
- Optimized web applications for desktop and mobile performance and search engine discoverability and indexing (SEO)
- Integrated and maintained RESTful and GraphQL APIs
- Maintained web app builds using Webpack, Docker, Node.js and npm
- Handled deployment with OpenShift, Docker and GitHub Actions
- Co-development automated end to end (E2E) tests with QA testers
- Performed and participated in peer code reviews

Sep. 2009 - Aug. 2017
Toronto, ON

Ruby

Technical Lead (3 years)

- Planned, documented, estimated tasks for and supported a development team of 3 frontend developers
- Documented developer environment onboarding processes and development reference material
- Coordinated with management, QA, product and design teams to prepare high-level business requirements for development

Sr. Javascript Developer (1.5 years)

- Developed single page social network web apps using Backbone.js and React to replace legacy sites
- Integrated with new and existing RESTful APIs from legacy PHP site
- Optimized web app performance for mobile devices
- Added purchase flow integrated with payment backend service
- Implemented Node.js-based web app build and test systems
- Added and integrated frontend multilanguage support

DevOps Engineer (1 year)

- Designed and implemented a role-based Linux server provisioning system for database, application, web servers using Puppet, VirtualBox
- Assisted developers and operations team migrating from manual/Vagrant environment to automated builds and provisioning

.NET Developer (2.5 years)

- Refactored and modernized a legacy social network web application from .NET 1.1 to .NET 4.0 with LINQ, Entity Framework, master pages
- Implemented a payment service integrating with payment gateways
- Implemented automated user content video transcoding service
- Added modern single page app messaging frontend
- Planned and performed large scale data migration from sub-optimal to properly normalized database structure in SQL Server

Sep. 2006 - Feb. 2009
Toronto, ON

Infusion Development

Software Developer/Consultant (2.5 years)

- Performed scoping, analysis, design, testing, implementation, deployment and support of geospatial applications for various clients including: Microsoft, BMO, Amazon, ConocoPhillips, Re/Max (O-A), Yellow Pages Group, First American, American Express, U.S. Air Force
- Developed client web applications and services using C#, VB.NET, ASP.NET, WCF, Javascript, Java, HTML, CSS and PHP
- Employed and supported Microsoft mapping technologies including Virtual Earth (now Bing Maps) and MapPoint Web Service (SOAP)
- Designed and developed custom map generation tools with aerial photography, street map and business-specific imagery overlays
- Managed developer support and project teams of 3-5 developers and technical support engineers

Education

Graduated 2006
Kitchener, ON

Computer Programmer/Analyst (Diploma)
Conestoga College