

# Denys Pavlov

Full-stack software developer with cross-industry experience creating client-focused web experiences.

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github.com/meatcar  
Toronto, ON

Front-end – *Expert*  
JavaScript TypeScript  
ClojureScript React  
Next.js SVG PostCSS  
SASS

Back-end – *Expert*  
Node Deno Elixir  
Clojure Java Go  
PostgreSQL Redis Solr  
GraphQL

Dev-Ops – *Expert*  
Linux NixOS Docker  
Kubernetes Terraform  
Ansible AWS  
Google Cloud

Interests  
Cycling  
Canoeing  
Coffee

## Work Experience

### Lead Developer

Alipes Inc.

Jun 2024 - Present  
Remote

Provide the technical strategy for a fast-paced digital marketing agency.

- Lead a team of developers to deliver a high-quality, high-performance web experience.
- Develop modern CMS platforms for clients with a focus on usability and performance.
- Implement automated testing and a CI pipeline to ensure code quality and reliability.
- Communicate with clients, strategy, and design team to ensure the technical implementation aligns with the client goals.

### Full-Stack Developer / Consultant

Self Employed

May 2016 - Present  
Remote

Crafted boutique cloud-agnostic web and e-commerce solutions, shepherding ideas through mockups, to prototypes, to full projects.

- Hit launch-day profitability while leading the technical vision for projects.
- Designed robust, secure, and compliant payment processing systems to handle 50k+ payments per month.
- Hit 100% PageSpeed scores while modernizing media-heavy legacy products and preserving existing user flows.
- Focused on mobile-first user experiences in close collaboration with stakeholders.
- Realized client's vision with high satisfaction by tailoring each solution to specific technical expertise.
- Maintained high-quality documentation for clients and future project support.

### Software Developer

Hospital for Sick Children, Center for Computational Medicine

Jun 2014 - May 2016  
Toronto, ON

Worked in an Agile team on various open-source genetic and medical databases (PhenoTips and Medsavant).

- Prototyped, designed, and developed an open-source soft-realtime storage and analysis engine for 300+ million rows of genetic information.
- Tested the feasibility of several storage back-ends, including columnar databases like Apache Drill.
- Containerized the product for improved HIPAA-compliant configuration.
- Improved multi-platform development workflow to expand the number of possible open-source contributors.

### Front-end Developer

Viafoura

Jul 2012 - May 2014  
Toronto, ON

Thrived in an early-stage startup environment, handling critical partner issues and perfecting processes and quality. Re-built the front-end for a SaaS commenting platform.

- Developed a high-performance JavaScript web experience backed by a REST API, ensuring pixel-perfect compatibility with legacy and modern browsers.
- Implemented a front-end build system for multi-target deployment.
- Improved code quality by implementing code review and testing practices, and by creating a cross-browser test suite.

**Research Assistant and Developer** May 2011 - Aug 2011  
University of Toronto, Software Engineering Group Toronto, ON

Improve OpenOME, an open-source software requirements modeling tool built on the Java Eclipse framework.

- Implemented profiling and statistics gathering for quantitative analysis of i\* domain models.
- Created a view to navigate large circular models as a tree.

**Support Analyst** May 2010 - Aug 2010  
The Dominion of Canada General Insurance Company Toronto, ON

In a small team outside the purview of IT, assisted and automated various organizational functions using technical limited resources.

- Write VBA-script documents-applications to automate various administrative tasks in MS Office, and interface with mainframe legacy systems.
- Created a reusable template to automate printing hundreds of rows in an Excel spreadsheet.

**Intern** Aug 2006 - Aug 2009  
Geotab Oakville, ON

As a summer job at a hardware startup, I helped improve software, and assemble and package GPS devices.

- Prepared software for internationalization, tested new software revisions.
- Worked in an electronics manufacturing assembly line environment.

## Projects

**Transit Dashboard** Nov 2023 - Present

Accessible Progressive Web App displaying nearby departures using Transit App's REST API.

## Education

**BSc (Hons) Computer Science - Software Engineering** Sep 2009 - Apr 2014  
University of Toronto