

# Slava Trofimov

Full Stack Engineer

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*Welland, Ontario*

Full-Stack Engineer focused on front-end (Vue/Nuxt) with strong back-end in Laravel/PHP. Leads features end-to-end, from architecture to launch, integrating AI (OpenAI API, custom models, and agentic flows), resolving hard production bugs, and enhancing quality with Vitest/Playwright and CI/CD. Proven track record improving performance and exceeding team KPIs for delivery, quality, and reliability.

## Core Skills

**Front-end:** JavaScript (ES6+), TypeScript, Vue 3, Nuxt 3 (SSR/SSG), Pinia, Vite, Vue Router, Tailwind CSS, shadcn/ui, SASS/SCSS, React, Electron, SPA/PWA, accessibility (WCAG 2.1)

**Backend:** PHP (Laravel), Node.js, Python

**Testing & QA:** Vitest, Playwright, Cypress, CI gates

**APIs & Data:** REST, GraphQL, MySQL/PostgreSQL, SQLite

**DevOps:** Docker & Docker Compose, Git/GitHub, GitHub Actions (CI/CD), Nginx

**AI & Agentic:** OpenAI/Anthropic API, OpenRouter, agent/tool-calling flows, RAG, vector DBs (Pinecone/Chroma/HNSWlib), MCP, LangGraph, CrewAI

## Work Experience

### Senior Full Stack Engineer

Jobscan | Seattle, United States | Feb 2024 - Jul 2025 (1 yr 6 mos)

- Shipped core product features end-to-end with Vue.js and Laravel; owned a flagship feature as the sole engineer from design through launch
- Integrated AI into critical workflows using the OpenAI API and in-house models; built agentic/tool-calling pipelines that automated key processes

- Tracked down and fixed hard-to-reproduce frontend/backend bugs, improving stability and reducing support burden
- Raised quality by introducing Vitest unit tests and Playwright E2E suites, increasing coverage, and adding CI gates
- Streamlined performance across key flows with query tuning, caching, and UI optimizations
- Partnered with PM/Design/Support and consistently exceeded individual and team KPIs for delivery, quality, and reliability

## Senior Front End Developer

codepxl | Toronto, Canada | Jan 2019 - Jan 2024 (5 yr 1 mo)

- Led the frontend team and owned projects end-to-end, from architecture and estimation to implementation, QA, and deployment
- Built responsive, high-performance apps with Vue.js, Nuxt.js (SSR), and Laravel; turned Figma designs into reusable component libraries and design systems
- Served as the primary technical contact for clients; ran discovery, wrote requirements/acceptance criteria, and aligned delivery with business goals
- Drove Agile delivery: Scrum, managed backlog/sprints, and coordinated with design and backend to unblock execution
- Improved delivery speed by ~30% via component reuse, tighter release planning, and CI discipline
- Shipped a range of builds—from small WordPress sites to large-scale social/community platforms—meeting accessibility, SEO, and cross-browser standards
- Raised code quality through reviews, mentoring, and standards for performance, accessibility, and testing (component/unit and E2E)

## Front End Developer

EvolutionInDesignZ | Toronto, Canada | May 2018 - Dec 2018 (8 mos)

- Delivered custom sites/apps across Laravel, WordPress, and OpenCart for clients in diverse industries
- Translated Figma/Sketch designs into responsive, SEO-friendly, WCAG-aware UIs using semantic HTML5, SASS, and JavaScript
- Built a scalable SPA with Vue.js, Nuxt.js, and Electron
- Collaborated with design/backend on requirements, cross-browser QA, and pixel-accurate implementation

- Strengthened core FE fundamentals and built discipline, contributing to smoother releases and fewer regressions

## **Web Developer**

ELECTROLIGHT ENTERPRISES | Toronto, Canada | Aug 2017 - May 2018 (10 mos)

- Led the development and maintenance of custom corporate websites using WordPress and Opencart
- Integrated third-party APIs to streamline operations and enhance user experience
- Developed content management systems and security tutorials, empowering teams with web resource utilization
- Improved SEO and web accessibility, resulting in increased site traffic and user engagement

## **Front End Developer**

iMoan | Moscow | Feb 2015 - Jan 2017 (2 yrs)

- Collaborated with cross-functional teams to ensure project success in a fast-paced environment
- Developed and launched e-commerce websites using WordPress/Opencart and Django, leveraging HTML5, LESS, jQuery, PHP, and Python
- Enhanced online presence through impactful landing pages and corporate resources
- Achieved significant SEO improvements, elevating user experience and engagement

## **Lead Front-end Developer, UI Designer**

WEB-SOLUTION LTD. | Moscow | Jan 2013 - Jan 2015 (2yrs)

- Spearheaded the design and development of various websites, enhancing user experience across platforms
- Implemented front-end interfaces using HTML/CSS, jQuery, Bootstrap, and PHP for seamless functionality
- Conducted market research and integrated SEO best practices, boosting online visibility and search rankings
- Fostered strong client relationships, resulting in the successful delivery of modern web applications

# Education

## Moscow State Open University (MSOU)

Jan 2003 - Jan 2008

**Master's degree** in Computer Science

# Projects

## Alice Smart desktop AI assistant

Dec 2024 - present

Tech stack: Vue, Electron, Typescript, Go

Source code: <https://github.com/pmbstyle/Alice>

Demo video: <https://www.youtube.com/watch?v=fDYUjh6UXqk>

Alice is an open-source desktop AI assistant, ready to help with everyday tasks, spark creativity, or simply keep you company.

The app combines:

- **Voice-first interaction** for natural conversations with advanced Voice Activity Detection.
- **Intelligent context awareness** with a deep memory system, which includes:
  - previous conversations' memory (local vector DB)
  - facts about the user that LLM can fetch/write on its own
  - a summary of prior messages for seamless conversations between sessions
  - the user's emotional summary context. Generated in a separate thread to give LLM more context about the user's mood
- **Powerful tools**, including function calling, MCP, Gmail, and Calendar integration, computer use, browser context, scheduled tasks, and more.
- **Multiple LLM providers**: OpenAI, OpenRouter, Groq, Ollama, LM Studio.
- **Alice's avatar animated states** like: idle, thinking, and speaking
- **Optional, completely local setup** with STT, TTS, and embedding models included. Attach your local LLM, and you are good to go with a fully local setup.

## Gemini Browser Agent

Oct 2025 - Oct 2025

Tech stack: JavaScript, Python, Gemini API

Source code: <https://github.com/pmbstyle/gemini-browser-agent>

Demo video: [https://www.youtube.com/watch?v=0K437iL5I\\_U](https://www.youtube.com/watch?v=0K437iL5I_U)

Gemini Browser Agent is an automation agent that bridges a Chrome extension with Google's Gemini Computer Use API. It observes the active tab, exchanges screenshots and events with the model, and performs actions directly in your own browser, no sandbox or virtual machine required.

## OpenRouter LLM Proxy Service

Sept 2025 - Oct 2025

Tech stack: Node.js

Source code: <https://github.com/pmbstyle/openrouter-proxy>

A high-performance, stateless OpenRouter proxy service built with Node.js, TypeScript, and Express. Provides REST API and WebSocket streaming capabilities for LLM inference without authentication or user tracking.

Features:

- **Dual Interface:** REST API for standard requests and WebSocket for streaming
- **Comprehensive Parameter Support:** System prompts, model/provider selection, temperature, tools, etc.
- **Multi-modal Support:** Text, audio, and image generation capabilities
- **Robust Error Handling:** Graceful failure recovery and informative error responses
- **High Performance:** Optimized for speed and low latency
- **IP-based Rate Limiting:** Protection against abuse while maintaining simplicity

## BootVue - CLI scaffold tool to quickly start a new Vue3 project

Sept 2025 - Sept 2025

Tech stack: Go lang

Source code: <https://github.com/pmbstyle/BootVue>

A CLI tool to quickly scaffold Vue 3 + TypeScript + Pinia + Tailwind CSS + Shadcn-vue projects.

One single executable.

Command example: `bootvue -app my-vue-app -components "button, card, dialog, form"`

What it creates:

- Vue 3 + Pinia + TypeScript project via create-vue
- Tailwind CSS v4 with @tailwindcss/vite plugin
- Shadcn-vue initialized with default config
- Optional shadcn-vue components

## Temporal Awareness MCP Server

Jul2025 - Jul 2025

Tech stack: Python, MCP

Source code: <https://github.com/pmbstyle/temporal-awareness-mcp>

A Model Context Protocol (MCP) server that provides AI agents with comprehensive temporal awareness and time calculation capabilities.

Features:

- **Current Time:** Get current date and time in any timezone
- **Time Calculations:** Calculate differences between timestamps
- **Time Adjustments:** Add or subtract durations from timestamps
- **Contextual Analysis:** Get human-readable context about timestamps
- **Multiple Transports:** Support for both stdio (local) and HTTP (remote) connections
- **Docker Support:** Ready for cloud deployment