Andrew Kalinic

Senior software engineer specializing in building accessible, modern and scalable web applications

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kalinic.me

Experience

Self-Employed Aug 2018 – Aug 2024
Freelance Web Developer Ottawa, ON

- Built and delivered custom websites, web applications and e-commerce stores for clients
- Managed hosting and infrastructure, CI/CD pipeline, support and troubleshooting
- Handled all business operations including contracts, client onboarding, invoicing and project scoping

Calian Group Mar 2015 – Jul 2018
Software Developer Kanata, ON

- Integrated a geospatial library into an existing large-scale Java desktop application
- Worked as part of a small team to port the existing desktop application to the web
- Provided product support and troubleshooting as well as on-site installation and setup

Projects

Flash Market
Digital marketplace acting as a classifieds board for sellers to advertise and sell online game items

- Verifies payments by polling the Base blockchain for smart contract events and records confirmed transactions
- Features seller profiles with reputation tracking and an admin dashboard for moderation and analytics

Glacier Dash
Browser-based puzzle game where you slide a block through procedurally generated mazes to reach the exit

- Uses BFS graph traversal to analyze and score generated levels before selecting solvable maze layouts
- Includes two difficulty modes and an optional next-move hint system

Skills

Languages
Rust, TypeScript, SQL, HTML, CSS

Frameworks & Libraries
React, Svelte, Astro, Tailwind, HTMX

Tools
Bun, Docker, Git, Linux

Cloud & Infrastructure
AWS, Cloudflare, Netlify, Pulumi

CMS & Commerce
Shopify, WordPress, DatoCMS

Databases
SQLite, PostgreSQL, MongoDB

APIs & Protocols
HTTP, WebSockets, REST, GraphQL, gRPC, OAuth, JWT

Education

Carleton University
B.C.S. (Honours)
Part-time, expected 2028

Interests

Game development and entrepreneurship