

Matthew Bratrsovsky

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Summary

I am a **full stack developer** with a passion for collaboration, creativity and colleagues who share similar values. My ideal company is innovative and emphasizes community. I am most practiced in TypeScript, Rust and Postgres and I love learning new technologies.

SKILLS

- **FRONTEND:** Next.JS, React, Svelte, TypeScript, JavaScript, HTML, CSS, Vue
- **BACKEND:** Node.js, Rust, Go, PostgreSQL, SQL, Linux, NGINX, Python, S3, ElasticSearch, MongoDB
- **DEVOPS:** Docker, Vitest, Playwright, Cargo Test, Hashicorp Vault, Supertokens Auth
- **INTERPERSONAL:** Leadership, Data Analysis, Change Management, Entrepreneurship, Collaboration

WORK EXPERIENCE

Viaero Wireless

May 2022 – Current

Full Stack Developer

- Lead various teams to success by analyzing work patterns and building both deeply connected and disparate tooling.
- Create web applications, CLI tooling, and various other architecture.
- Collaborate with stakeholders and train end users.

Solutions Artisan LTD.

May 2019 – Current

Developer (Contract)

- **CMB Auto Sales**
- Increased customer awareness and reduced the percentage of customer debt and bad debts by ~40%.
- Reduced transaction time from 30 to 7 minutes by understanding the established system and modernizing the processes.
- Led change management for updating existing infrastructure.
- **All About Paws Pet Spa, LLC.**
- Designed an attractive marketing website with a mobile-first focus.
- Helped establish and found various business assets.

PROJECTS

cmbautosales.com

- **NextJS, Tailwind, Cloudflare R2, Google Cloud Platform, S3, Vercel**
- Web presence and platform built for CMB Auto Sales, a local auto dealership.
- Incorporate vital business operations such as payment processing, credit checking, and browsing cars for sale.
- Facilitate credit checking through a custom-built, security focused credit application submission process.

Tower Camera Site

- **Rust, RTSP, FFmpeg, Digest Authentication, Nodemailer, NextJS**
- Assist local weather channels with capturing RTSP streams.
- Administer a public-facing, invite-only app with permission-based routes and encrypted profiles.
- Allow for editing recorded streams with a suite of abstracted FFmpeg functions and a node-based layout, written in an REST-ful Rust application.
- Communicate with VAPIX endpoints for functions including PTZ and temperature control.
- Layout and organize camera towers spanning several geographic sectors.

Netops Applications

- **Rust, Python, NodeJS, PostgreSQL, Redis, ElasticSearch, IMAP, Discourse, S3**
- Increase company efficiency and efficacy with company leaders by troubleshooting procedural bottlenecks and delivering solutions.
- Facilitate and improve business operations by delivering several suites of software and web applications.

AutoFLP: Dealer Management System

- **Svelte, Typescript, Cloudflare R2, Google Cloud Platform, S3**
- Transforms the vitality of small, family owned auto dealerships.
- Manage accounts and inventory, review credit application, and support billing, payments, and forms.

Customer Cell Provisioning

- **SOAP, XML, ADP, NextJS, PostgreSQL, Redis**
- Facilitate provisioner interactions with nodes on Viaero's Ericsson network.
- Accelerate XML training with an easy-to-use and recognizable web application.
- Permissions-based functionality.
- XML/SOAP editor and formatter.

All About Paws Pet Spa LLC.

- **AstroJS, Tailwind CSS, Preact, Cloudflare, GitHub**
- Attract clients with images, well-written information, and mobile-first layouts.
- Elegantly display an information-dense, static website.
- Deployed with Cloudflare pages and GitHub.

Fiber Troubleshooting

- **Go, NextJS, ChartJS**
- Facilitate individual troubleshooting for 100+ fiber-based corporate accounts.
- Ping trace individual and collective hosts, then displays the results in interactable charts.
- Transformed existing, static information to a dynamic database.

EDUCATION

University of Northern Colorado

- *Bachelor of Business Administration, Computer Information Systems*
- Treasurer, Phi Sigma Pi National Honor Fraternity; Scholar of the Reisher Family

HOBBIES

Cooking, Personal Knowledge Management, Writing, Self-hosting, Gaming