

# 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, Cargo Test, Go Testing, Hashicorp Vault
- **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.

### CMB Auto Sales

May 2019 – Current

*Developer (Contract)*

- Reduced transaction time from 30 to 7 minutes by understanding the established system and modernizing the processes.
- Led change management for updating existing infrastructure.
- Increased customer awareness and reduced the percentage of customer debt and bad debts by ~40%.
- Wrote various applications to manage customers, inventory, and transactions.
- Implemented credit application submissions through Cloudflare R2 and Vercel.

## PROJECTS

### [cmbautosales.com](https://cmbautosales.com) (<https://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.

### 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** (<https://github.com/mattkbrat/autoflp-web>)

- **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.

## **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 Axis Communication's VAPIX endpoints.
- Layout and organize camera towers spanning several geographic sectors.

## **All About Paws Pet Spa LLC.** (<https://www.fortmorgangrooming.com>)

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