

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

- **BACKEND:** Node.js, Rust, Go, PostgreSQL, SQL, Docker, Linux, NGINX, Python, S3, ElasticSearch, MongoDB
- **FRONTEND:** Next.JS, React, Svelte, TypeScript, JavaScript, HTML, CSS, Vue
- **TESTING:** Vitest, Cargo Test, Go Testing
- **INTERPERSONAL:** Leadership, Data Analysis, 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 backend architecture.
- Collaborate with stakeholders and train end users.

CMB Auto Sales (<https://cmbautosales.com>)

May 2019 – Current

Software Developer, Contract

- Wrote a desktop applications in Rust and SQLite to manage customers, inventory, and transactions.
- Implemented credit application submissions using Google Cloud Platform and Cloudflare R2.
- Reduced transaction time from 30 to 7 minutes.
- Increased customer awareness and reduced the percentage of customer debt and bad debts by ~40%.

EDUCATION

University of Northern Colorado

2020 – 2022

Bachelor of Business Administration, Computer Information Systems

- Treasurer, Phi Sigma Pi National Honor Fraternity; Scholar of the Reisher Family

Morgan Community College

2018 – 2020

Associate of Arts - AA, Accounting and Business/Management

PROJECTS

Netops Applications

- **Rust, Python, NodeJS, PostgreSQL, Redis, ElasticSearch, IMAP, Discourse, S3**
- Delivered several suites of software and web applications to facilitate and improve business operations.
- Troubleshooted procedural bottlenecks with company leaders and implemented several solutions to increase efficiency.

AutoFLP: Dealer Management System (<https://github.com/mattkbrat/autoflp-desktop>)

- **RUST, CSS, HTML, JS, Cloudflare R2, Google Cloud Platform, S3**
- A desktop suite for auto dealerships built with Rust for small, family owned businesses.
- Features account and inventory management, credit application reviews, and support for billing, payments, and forms.

Customer Cell Provisioning

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

Fiber Troubleshooting

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

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

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

HOBBIES

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