Daniel Paz-Soldan

hello@danpaz.me | danpaz.me | github.com/danpaz

PROFESSIONAL EXPERIENCE

Babylist Sept 2023 - Present
Staff Software Engineer

- Led e-commerce engineering team building Babylist Shop ($1B yearly revenue) with Ruby/Rails and TypeScript/React.
- Planned and executed high-risk upgrade of core checkout system, aligned stakeholders across the organization, and successfully migrated from legacy platform to modern TypeScript stack with minimal customer impact.
- Built an AI system for product data segmentation and validation using LLM-based image analysis, winning an internal hackathon to prove out the concept and then refining and shipping the solution to production.

Shopify (acquired by **Flexport** June 2023) May 2021 - Sept 2023
Staff Software Engineer

- Led engineering team developing billing systems for Shopify Fulfillment, setting technical direction for the team, handling 20x revenue growth while significantly reducing billing-related support tickets.
- Spearheaded integration of multiple billing platforms as part of acquisition, collaborating with stakeholders across Product, UX and Finance organizations, leading technical design and building a unified API and backend.
- Implemented improved observability and on-call practices in Ruby/Rails and TypeScript/React codebases, enabling faster and more efficient incident response, and resulting in 2x reduction in non-actionable alarms.

Mapbox February 2018 - April 2021
Senior Software Engineer

- Developed backend services in Node.js, C++, and Rust, powering Mapbox Navigation APIs with 1M active users and 20M daily requests, implementing multiple new features in open-source routing engines.
- Ensured service quality during critical migration to a new backend by introducing internal tooling for visualizing API responses, shadowing production traffic against staging, and building CI pipeline for continuous quality assurance.
- Established operational metrics for Navigation API team, reporting service availability and infrastructure costs to the company, as well as leading incident response and running postmortems when outages occurred.

Curiosity Media June 2014 - February 2018
Software Engineer

- Implemented data pipeline using Node.js microservices and AWS SQS to ingest, queue, and asynchronously process incoming data stream, enabling low latency data processing and flexible maintenance schedule.
- Created dashboard application and REST API with Node.js, Ember.js, and Elasticsearch, allowing users to perform custom data analysis across more than 100K records per month.
- Migrated cloud infrastructure from Chef to AWS EC2 Container Service (Docker) with zero downtime, reducing server costs, improving metrics visibility with StatsD and Datadog, and enabling rapid automated deployments.

COMMUNITY EXPERIENCE

DCJS, Node.DC, NovaNode, RustDC – Washington, DC June 2014 - September 2021
Meetup Organizer

- Organized regular meetups with various groups, hosting events such as hack nights, workshops, lightning talks, and presentations by industry leaders and community members on current technical topics for developers in the DC area.

The George Washington University – Arlington, VA January - June 2017
Teaching Assistant

- Mentored and taught over 60 bootcamp students of all backgrounds to gain proficiency in full-stack web development.

EDUCATION

M.A.Sc, Electrical and Computer Engineering, University of Toronto, July 2011 - June 2013
B.Sc.E, Engineering Physics, Queen's University at Kingston, Sept 2008 - May 2011

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