

# Mat Sachs

Portland, Oregon

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## Experience

### **Mashr—Co-Creator & Software Engineer**

*Remote, Jan 2019 – Present*

*Mashr is an open source data pipeline orchestration and monitoring framework for small applications.*

<https://mashr-framework.github.io/>

- Researched & implemented data pipeline best practices including monitoring & failover
- Created Node.js CLI that simplifies dozens of GCP API calls into a few simple commands
- Engineered data extraction—hosted on a Docker container on Google Compute Engine (GCE)
- Built resilience against technological changes with Docker container and Cloud Storage buckets
- Co-authored comprehensive white paper about engineering the Mashr framework

### **Freelance—Full Stack Web Developer**

*Remote, 2016 - Present*

Developed web projects with technologies such as React, Node, Ruby on Rails, PostgreSQL, JavaScript, Ruby, HTML, and CSS.

- Mello: A Trello clone Built with React, Redux, and Rails.
- Task Manager: application for task management with Ruby and Sinatra backend and JavaScript(ES6), JQuery, and Handlebars.js frontend
- Developed Shopify and Wordpress themes using JavaScript, HTML, CSS, task runners, and NPM

### **Adworks Inc—Interactive Director**

*Washington DC, 1999 to 2016*

- Worked with Creatives and Art Directors to craft a national rich media campaign, including in-banner video and synched leaderboard/box banners, raising awareness of Cleveland Clinic's world-class health offerings and innovative medical solutions.

## Skills

**Back End:** Node, Ruby, Rails, Sinatra, PostgreSQL, SQL, RESTful APIs

**Front End:** JavaScript, React/Redux, HTML, CSS, jQuery

**Other:** data structures, algorithms, Docker, Google Compute Engine, Google Cloud Storage, Cloud Functions, BigQuery, Git/GitHub, Linux, vim

## Education

### **Launch School 2017 to 2019**

*Software Engineering & Full-Stack Web Development*

A multi-year program with curriculum designed to enable the mastery of the fundamental principles of software engineering. It culminates in the Capstone program—an instructor-led, team-based program modeled after a university-level master's program.

### **University of Denver 1998**

*BA in International Business, minor in Japanese*

### **Northern Virginia Community College 2003 to 2005**

Continuing education classes in graphic design