

DOUG ANARINO

Startup Web Engineer Building Foundational Systems for High-Growth Platforms

+1 802-289-1027
anarino@gmail.com
[LinkedIn.com/in/anarino](https://www.linkedin.com/in/anarino)

12 Chase Park
Bellows Falls, VT
05101 USA



Languages: JavaScript, TypeScript, Ruby, Scala, PHP, C, C++, Python

Web: HTTP, REST, Semantic HTML, Responsive CSS, Web Sockets, PWA

Frameworks: Web Components, React, Angular, Vue, Lit, Astro

Cloud: EC2, S3, SQS, SNS, SES, IAM, Route53, CloudFront, APIGateway

Environments: NodeJS, Deno, Edge Functions, Lambda, Supabase, ECS

Monitoring: Firehose, CloudWatch, Databricks, DataDog, Sentry

DevOps: Docker, Github Actions, CodePipeline, CloudFormation, CDK

Relational: PostgreSQL, MySQL, SQLite, Spark, Redshift

Data: DynamoDB, IndexedDB, Redis, Memcached, ElasticSearch

Media: FFmpeg, IVS, HLS, WebRTC, AWS Elemental, Web Audio, RTMP

More: TypeDoc, Markdown, MIDI, geospatial proximity mapping, SVG, CI/CD, Jest, Playwright, 11ty, bash

15+

years delivering delightful web clients, backed by powerful application servers deployed into robust and scalable cloud architectures. Typically guiding projects from concept to production on a freelance basis but also within startups as a founding engineer, helping to build train, and mentor teams, document best patterns, and adopt agile approaches. Supportive, collaborative, articulate, and effective at translating creative ideas and technical constraints into terms everyone understands.

Founding Engineer at Media Masher from 2007 to present

Conceived, developed, and led this open-source video editor project, from its initial Flash implementation, through Angular and React implementations, to its current form as a modern, standards-based, full-stack web component application. Worked directly with startups, creators, agencies, and other institutions to deploy and maintain the system on a variety of infrastructure.

- Supported UI customization - CSS variables, component slots.
- Designed plugin architecture enabling further UI customization, workflow overrides, and back-end integrations.
- Adopted local-first storage - IndexedDB, File System, sync API.
- Built SaaS offering around encoding API - Astro, Lit-SSR, Supabase, ApiGateway, Lambda, Docker, and Stripe.

Senior Engineer at Scruff from 2013 to 2021

As the first engineer hired, I constructed foundational tools that proved invaluable to growing the userbase of this safe, secure, and private dating app into the tens of millions. Each system has a corresponding UI for reporting and controlling its processes.

- Constructed and scaled data lake enabling GDPR-compliant ML pipelines, using DynamoDB, RDS, Redshift, and S3.
- Enabled realtime collection, monitoring, and archiving of app events, using Firehose, S3, Databricks, Scala and Redshift.
- Developed engagement tool to send email, notifications, and alerts with multilingual support, A/B testing, and robust delivery.
- Designed recommendation engine powering swipe and browsing features, using Postgres, Spark, and ElasticSearch.
- Helped to grow, train, mentor, and represent the dev team as it grew and evolved its production process.