



## Michael Sabatini

Frontend Engineer & Designer

### Contact

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### View my case studies:

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## Core Technologies

### Front End:

Angular, TypeScript, RxJS  
JavaScript (ES6+), HTML5,  
CSS3, Sass, Bootstrap

### Architecture:

Component libraries, design  
systems, UI frameworks,  
mobile-first engineering

### Platforms & Services:

AWS (CloudWatch, S3, ECS,  
Route53, IAM), MongoDB,  
Redis, Jira, GitHub, Bitbucket,  
VS Code, AI Pair Programmers

### APIs & Integrations:

Stripe, Google Maps, OAuth,  
Google Charts, REST

## Summary

Frontend Engineer with 10+ years of experience building responsive, scalable, and user-centric web applications. Known for bridging UX/UI and engineering to deliver clean, efficient, mobile-first interfaces. Skilled at transforming UX/UI concepts into production-ready systems, reducing defects, and designing high-quality component libraries that accelerate development.

## Experience

### Pixlhaus Internet Technologies — Founder / Frontend Engineer / Designer

2025 – Present • Hingham, MA / Malden, MA

- Designed and engineered modern UI/UX and front-end systems for small-business client applications using Angular, TypeScript, HTML, CSS, and JavaScript.
- Built responsive analytics dashboards leveraging AWS and custom data visualizations, improving client insight and operational efficiency.
- Created a digital "Hook Chart" for speech-language pathologists, significantly reducing workflow friction and modernizing an analog process.
- Pioneered the first digital "Hook Chart," streamlining workflow for Speech-Language Pathologists.
- Developed custom CMS and blog management systems, improving content publishing speed and long-term maintainability.
- Used AI pair programmers (CoPilot, Augment, Zencoder) to enforce clean architecture and code consistency across all client builds.
- Delivered full web apps, social platforms, and e-commerce UIs, while providing long-term product maintenance and enhancements.
- Configured MongoDB clusters, database structures, and secure API interaction layers to support scalable frontend features.

### Soffra.io — Founder / Frontend Engineer / Designer

2022 – 2025 • Boston, MA

- Architected and developed a cycling and running social platform focused on global mountain climb segments, built with

**Dev Practices:**

Cross-browser compatibility, accessibility, code quality, unit testing, UX collaboration, responsive design

**Education:**

Master of Science, Software Development

Boston University - Current

Bachelor of Science, Graphic Design

New England Institute of Art - 2007

Diploma, Web Development

Art Institute of Pittsburgh -

2012

the MEAN stack.

- Designed the full product experience from concept → UX/UI → front-end implementation, producing a fast, mobile-first interface.
- Built and validated API integrations with Strava and other fitness platforms; processed and structured data for 8,000+ climb segments.
- Led a team of three engineers across architecture decisions, iterative development, and feature planning.
- Implemented Google Maps and Google Charts integrations to deliver real-time, data-rich visualizations aligned with brand and technical needs.
- Improved user workflows, resulting in smoother navigation and faster access to complex data sets.
- Developed community, marketing, and product-growth strategies across digital channels and live events.

**OneSky Flight / Tuvoli — Frontend Engineer / Designer**

2019 – 2022 • Boston, MA

- Owned UI architecture and CSS systems for aviation-tech products across multiple platforms, improving interface consistency and performance.
- Delivered Angular-based features with mobile-first practices and high-maintainability standards.
- Built reusable CSS component libraries that reduced development effort and accelerated feature delivery across teams.
- Improved frontend reliability by resolving defects, hardening component logic, and standardizing cross-browser validation processes.
- Partnered with Product, Design, and Engineering leadership to deliver polished, high-confidence user experiences.

**Homesite Insurance — Frontend Developer / UI Designer**

2014 – 2019 • Boston, MA

- Developed enterprise UI systems within Agile teams, ensuring brand consistency and interface reliability across large-scale insurance applications.
- Performed cross-browser validation and improved UI reliability through defect identification and rapid front-end resolution.

- Enhanced maintainability by aligning UI components with evolving style guidelines and internal engineering standards.
- Supported SDLC processes using Jira, Bitbucket, Git, and continuous integration workflows.

## **J. Calnan & Associates — Senior Graphic Designer**

2012 – 2013 • Quincy, MA

- Led design operations within the in-house marketing department, overseeing creative deliverables and a junior designer.
- Produced high-impact proposal packages that contributed to generating more than \$5M in revenue during FY2012.
- Managed visual design initiatives supporting the company's internal charity, TEAM IMPACT, to advance their brand identity and consistently produce print marketing materials and collateral supporting their mission.

## **Axon Communications — Senior Graphic Designer**

2007 – 2012 • Braintree, MA

- Served as the firm's original in-house designer, leading end-to-end creative development for all new products at this early-stage marketing start-up.
- Established the initial creative department infrastructure and workflow, enabling scalable and efficient production processes.
- Acted as a key cross-functional liaison among Post Production, Replication & Fulfillment, and Client Services to ensure seamless project delivery.
- Designed user interfaces, graphics packages, and on-screen elements across the company's full product line.
- Created a product logo that was later featured in *Med Ad News* a recognized industry publication.