

Lacy Morrow

Web engineer + open-source developer + IoT enthusiast

704.451.6680

www.lacymorrow.com

me@lacymorrow.com

Over 20 years as a **Web Developer** building accessible, well-architected sites and apps.

EXPERTISE Full-stack developer; Tech/Development lead; Product/Project manager; DevOps Engineer; IT consultant; Software architect; Hiring manager; SCRUM master

I especially enjoy **TypeScript, React, NextJS**, and **Electron**.

DEVELOPER EXPERIENCE

Continued below...

2024 Senior React Developer - In-Flight Entertainment

Viasat

- Contract -Managed in-flight entertainment portals for dozens of airlines. On-call.
- In charge of **workflow management** and **client-stakeholder relations**. Demoed product updates to stakeholders. Transformed polished designs into reusable components. **React, TypeScript, NextJS**, Jenkins, AWS, MySQL

2023 Senior React Developer

OptumRX Health
Red Ventures

- Contract - Created **E-commerce** site for RVO Health. Built the market, inventory, authentication, and ordering systems. complete with automation pipelines.
- **TypeScript, NextJS, React**, Contentful, Plytix, **Stripe, Algolia**

2022 Lead Web Developer - Grid Services

Swell Energy

- Contract - Developed charts, dashboards, **control panels to manage solar and power utilities** in southern California and Hawaii. Authentication, API, UI, CRUD.
- **TypeScript, NextJS, React**, Python, **Django**, Docker, PostgreSQL

2017 - 2021 Senior Web Engineer - Brand Team

Twilio

- In charge of twilio.com and all sub-sites. Managed and lead multiple projects, created a React design system, built the [SIGNAL HackPack v4 badge](#).
- Launched WhatsApp, Studio, Flex, products. Localization/Regionalization.
- Implemented testing, migrated blog and legal to a CMS. Worked emergency on-call.
- **TypeScript, React, Docker**, Python, Django, Wagtail, PHP, WordPress, **i18n**

2016 React Developer

Yahoo!

- **AWS**; NodeJS; **Docker**; SequelizeJS; **React Native**
- Contract - Built several React components on a Yahoo stack for the Search and Branded Marketing teams using Tumblr as a data serve API.
- OpenStack; Apache; Linux; NodeJS; ReactJS, **Electron, NW.js, Selenium**

2014 - 2015 Software Engineer

Invitae

- Created and maintained **HIPAA-compliant** back office software, data science tools, and analytics software as well as the public-facing invitae.com;
- UX/UI Developer - Developed navigation, modals, and interactions; Made custom WordPress theme;
- DevOps - Managed database health, configured continuous integration instances, web-hooks, bi-weekly deployments. Created an automated Selenium testing workflow; Tech Interviewer.
- Python, PHP, MySQL, **Django**, Flask, Angular, Backbone, React, WordPress, ElasticSearch, **NightwatchJS**,Mercurial, Docker, **Jenkins**, Splunk, Apache, AWS **EC2**, Linux

PERSONAL



TECH STACK

TypeScript + React + NextJS + tRPC
JS/TS + *frameworks: React/Svelte/Astro* : *Expert*
Frontend: HTML/CSS/SASS : *Expert*
Backend: Node / Python / PHP : *Expert*

INTERESTS

FPV racing, cross-platform development, IoT devices, electronics engineering hobbyist, hardware development, problem solving, novel user interaction.

QUALITIES

Tech leader. Passionate about quality. Communicative and accessible; Reliable, confident, and eager to build. A highly motivated problem-solver.

EDUCATION

Bachelor's of Computer Science
2009 - 2014 | Appalachian State University

OPEN-SOURCE

2022 React Libraries

React Component Libraries

Open-source component libraries for react.
react-ruffle | react-is-online-context | react-github-readme-md

2015 CrossOver ★

CrossOver: CrossHair Overlay

Electron Cross-platform custom crosshairs for PC video games. Featured in the Windows app store and Snapcraft store.

2015 NPM Libraries

Collection of Open-Source NPM Libraries

album-art | movie-art | movie-info | movie-trailer; etc thousands of weekly downloads

2015 Cinematic

Cinematic: Desktop Movie Organizer

NodeJS + Meteor desktop app: Movie organizer and player; Meteor, MongoDB

2014 Casper ★

Casper: A Ghost-like WordPress theme

WordPress port of the popular Ghost theme, Casper; Custom PHP WordPress theme.

2012 XPlay.js

XPlay: HTML5 Audio + Video Player

Modern Javascript & HTML5 media player; Node/Python/PHP file/playlist generators

2006 XSPF Jukebox ★

XSPF Jukebox: Flash Audio + Video Player

Flash media player & plugin. Widespread use on popular websites and packaged with PHP framework SocialEngine; Python/PHP backend playlist generation.

DEVELOPER EXPERIENCE

...Continued

2022 Lumenai (Startup)

Senior Web Engineer - Browser Extension

- Contract Full-Stack Web Developer - Helped create foundational internal apps and build process for a browser extension using RPA automation, React, SASS, Docker
- Created dynamic robust UI screens React, Typescript, Jest, automated deployments, and self-built CI/CD. **The company saw a 20% rise in productivity and experienced 35% growth in 6 months.**

2016 - 2017 Flymore (Startup)

Co-Founder / Director of Engineering

- Hosted a camp for kids to build FPV drones with a focus on teaching kids about basic software & electronics. Hosted first drone race in Charlotte, NC: qualifier for Drone Nationals. **Developed software to livestream 4 analog FPV feeds;**
- Co-founded and created Flymore LLC Web Identity and Academy website.
- OpenStack; **Apache**; Linux; **ReactJS**, **GraphQL**, Youtube API, WordPress, PHP

2016 Long Game (Startup)

Web/React Native Developer

- Contract - Helped create a startup's initial mobile app: React web-app and second-iteration React Native app for IOS and Android; Saw first launch to 100+ beta users
- **AWS**; NodeJS; **Docker**; SequelizeJS; **React Native**

2014 - 2015 10up

Senior Web Engineer - Electron Team

- Took on every role and responsibility of designing, creating, implementing, deploying, and maintaining a plethora of websites for numerous clients including: **Microsoft**, **Uber**, **AARP**, and Beasley Media.
- Docker; **Electron**; PHP; WordPress; SASS; Webpack; AWS; Google Analytics

2010 - 2014 Appalachian State University

Full-Stack Web Developer

Full-Stack Web Developer - Built internal websites and scheduling software. Helped develop back office software. Created custom CMS framework with PHP, Postgres used by all campus web pages; DevOps - Managed database and handled deployments. PHP, Python, Postgres, MySQL, PHPWebsite, PHPUnit, Git, Apache

2010 Red Ventures

Web Design Intern

Front-End Web Developer - Created 10+ branded advertising websites and unique user interactions; Sliced Photoshop files to create HTML emails PHP, MySQL, Linux

FREELANCE EXPERIENCE

2023 Taesanti

taesanti.com

Complete web design & development for local community organization. Shopify

2022	spacemonkeyfilms.us	Complete web design & development for Drone Media company in SF. Wix, WP
Space Monkey Films		
2012 - 2016	kimbrattain.com	Complete web design & development for Phase2 and Kim Brattain Media. Developed custom WordPress theme. Linux, Apache, MySQL, PHP, WordPress
Phase2 Productions		
2015	Holdmetightcharlotte.com	Complete web, identity, design, and development. Developed custom WordPress theme; Linux, Apache, MySQL, PHP, WordPress
Hold Me Tight Charlotte		
2013	Boonecommunitynetwork.com	Complete web design & development. Created custom social network developed for the city of Boone, NC; Linux, Apache, MySQL, PHP, SocialEngine
Boone Community Network		
2012	Cosmiccart.com	Created custom email notification system, authentication system, splash page for product launch; Linux, Apache, MySQL, PHP
Cosmic Cart (Startup)		
2012	charliesvision.com	Complete web identity, design, and development. Created web presence for a charity fundraiser; Linux, Apache, MySQL, PHP
<u>Charlie's Vision</u>		
2012	Missionfilmworks.org	Complete web, identity, design, and development. Developed custom WordPress theme. Linux, Apache, MySQL, PHP, WordPress
Mission Film Works		
2012	raeimages.com	Complete web design & development. Developed custom WordPress theme. Linux, Apache, MySQL, PHP, WordPress
<u>Rae Images</u>		
2012	Nancynicholsonyogatherapy.com	Complete web, identity, design, and development; Linux, Apache
Nicholson Yoga Therapy		
2012	allseasonsacandhtg.com	Redesigned existing website and added CMS features; Linux, Apache, MySQL, PHP
<u>All Seasons AC & Heating</u>		
2012	Invisionmirrors.com	Complete web design & development. Developed custom WordPress theme. Linux, Apache, MySQL, PHP, WordPress
Invision Mirrors		
2011	gopatterson.com	Redesigned existing website. Created seasonal advertising campaign, Apache, PHP
<u>Patterson Air</u>		
2011	hinsonmechanical.com	Complete web design & development; Linux, Apache, PHP
<u>Hinson Mechanical</u>		
2011	americancomfortsolutions.com	Redesigned website and built on Joomla! CMS. Created advertisements; Linux, Apache, MySQL, PHP, Joomla!
<u>American Comfort</u>		
2010	myeffectivemedia.com	Complete web, identity, design, and development. Flash website with HTML fallback; Linux, Apache, Flash
<u>Effective Media Solutions</u>		

2009 Phase2productions.info
Phase2 Productions Complete web, identity, design, and development. Created custom Flash video player; Linux, Apache, PHP, Flash

2009 susanmorrow.us
Susan Morrow Complete web, identity, design, and development; NextJS, React, Vercel

2008 Collegecareeradvisors.com
College Career Advisors Complete web, identity, design, and development; PHP, Linux, Apache

2008 Barbstrickler.com
Blue Ribbon Recipes WordPress setup and customization; Linux, Apache, MySQL, PHP, WordPress

2006 Iacmusic.com
IAC Music Custom Flash media player & photo slideshow for artist pages; Flash, MySQL, PHP

TOOLS TypeScript, NextJS, React, React-Native, React Query, Svelte, Electron, Angular, Astro, Vue, NodeJS, JavaScript, Docker, Wordpress, Flask, Django, Wagtail, build tools, Babel/Webpack/Vite, CI/CD, REGEX, Git, SQL, MySQL, PostgreSQL, MongoDB, Jenkins, AdobeCC, Figma, Linux, AWS, SQS, SNS, Lambda, Cloudflare, Azure, Selenium, DNS, RPA, JQuery, Bootstrap, Tailwind, Sass, Scss, Micro-services
Other: Actionscript / Java / C / C# / C++ / Haskell / F# / Prolog

INTEGRATIONS Contentful, Stripe, CommerceTools, Plytix, Algolia, Mielisearch, PagesCMS, SanityCMS, TinaCMS, Wordpress, Django, Wagtail, Laravel, CakePHP, Drupal