Lacy Morrow

Web engineer + open-source developer + IoT enthusiast

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www.lacymorrow.com
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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 — OptumRX Health, Red Ventures
Senior React Developer
- 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**

2023 — Viasat
Senior React Developer - In-Flight Entertainment
- 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

2022 — Swell Energy
Lead Web Developer - Grid Services
- 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 — Twilio
Senior Web Engineer - Brand Team
- 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 — Yahoo!
React Developer
- **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 — Invitae
Software Engineer
- 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

References available upon request. For a complete portfolio please visit lacymorrow.com

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

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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 emailsPHP, MySQL, Linux

FREELANCE EXPERIENCE

2023
Taesanti

taesanti.com
Complete web design & development for local community organization. Shopify

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2022
Space Monkey Films

spacemonkeyfilms.us
Complete web design & development for Drone Media company in SF. Wix, WP

2012 - 2016
Phase2 Productions

kimbrattain.com
Complete web design & development for Phase2 and Kim Brattain Media. Developed custom WordPress theme. Linux, Apache, MySQL, PHP, WordPress

2015
Hold Me Tight Charlotte

Holdmetightcharlotte.com
Complete web, identity, design, and development. Developed custom WordPress theme; Linux, Apache, MySQL, PHP, WordPress

2013
Boone Community Network

Boonecommunitynetwork.com
Complete web design & development. Created custom social network developed for the city of Boone, NC; Linux, Apache, MySQL, PHP, SocialEngine

2012
Cosmic Cart (Startup)

Cosmiccart.com
Created custom email notification system, authentication system, splash page for product launch; Linux, Apache, MySQL, PHP

2012
Charlie's Vision

charliesvision.com
Complete web identity, design, and development. Created web presence for a charity fundraiser; Linux, Apache, MySQL, PHP

2012
Mission Film Works

Missionfilmworks.org
Complete web, identity, design, and development. Developed custom WordPress theme. Linux, Apache, MySQL, PHP, WordPress

2012
Rae Images

raeimages.com
Complete web design & development. Developed custom WordPress theme. Linux, Apache, MySQL, PHP, WordPress

2012
Nicholson Yoga Therapy

Nancynicholsonyogatherapy.com
Complete web, identity, design, and development; Linux, Apache

2012
All Seasons AC & Heating

allseasonsacandhtg.com
Redesigned existing website and added CMS features; Linux, Apache, MySQL, PHP

2012
Invision Mirrors

Invisionmirrors.com
Complete web design & development. Developed custom WordPress theme. Linux, Apache, MySQL, PHP, WordPress

2011
Patterson Air

gopatterson.com
Redesigned existing website. Created seasonal advertising campaign, Apache, PHP

2011
Hinson Mechanical

hinsonmechanical.com
Complete web design & development; Linux, Apache, PHP

2011
American Comfort

americancomfortsolutions.com
Redesigned website and built on Joomla! CMS. Created advertisements; Linux, Apache, MySQL, PHP, Joomla!

2010
Effective Media Solutions

myeffectivemedia.com
Complete web, identity, design, and development. Flash website with HTML fallback; Linux, Apache, Flash

2009
Phase2 Productions

Phase2productions.info

Complete web, identity, design, and development. Created custom Flash video player; Linux, Apache, PHP, Flash

2009
Susan Morrow

susanmorrow.us

Complete web, identity, design, and development; NextJS, React, Vercel

2008
College Career Advisors

Collegecareeradvisors.com

Complete web, identity, design, and development; PHP, Linux, Apache

2008
Blue Ribbon Recipes

Barbstrickler.com

WordPress setup and customization; Linux, Apache, MySQL, PHP, WordPress

2006
IAC Music

Iacmusic.com

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

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