**Lacy Morrow**

Web engineer + open-source developer + IoT enthusiast

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

704.451.6680

[www.lacymorrow.com](http://lacymorrow.com/)

me@lacymorrow.com

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|  | **EXPERTISE**  | Full-stack developer; Tech/Development lead; Product/Project manager; DevOps Engineer; IT consultant; Software architect; Hiring manager; SCRUM masterI especially enjoy **TypeScript**, **React**, **NextJS**, and **Electron**. |
| **DEVELOPER****EXPERIENCE***Continued below...* | **2024**[OptumRX Health](https://www.optum.com/)[Red Ventures](https://www.redventures.com/) | **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**
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|  | **2023** [Viasat](http://www.viasat.com) | **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
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|  | **2022**[Swell Energy](https://www.swellenergy.com/) | **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
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|  | **2017 - 2021**[Twilio](http://www.twilio.com) | **Senior Web Engineer - Brand Team*** In charge of [twilio.com](http://twilio.com) and all sub-sites. Managed and lead multiple projects, created a React design system, built the [SIGNAL HackPack v4 badge](https://hackpack.cc/).
* 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**
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|  | **2016**[Yahoo!](https://www.yahoo.com/) | **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**
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|  | **2014 - 2015****[Invitae](https://www.invitae.com/)** | **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 + tRPCJS/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](https://www.npmjs.com/~lacymorrow) | **React Component Libraries**Open-source component libraries for react.react-ruffle | react-is-online-context | react-github-readme-md |
|  | **2015**[CrossOver ★](https://github.com/lacymorrow/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](https://www.npmjs.com/~lacymorrow) | **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 ★](https://casper.lacymorrow.com/)  | **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 ★](https://xspf-jukebox.vercel.app/) | **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](https://www.luminai.com/)**(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.**
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|  | **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](https://www.truist.com/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**
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|  | **2014 - 2015**[10up](https://10up.com/) | **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](https://www.appstate.edu/) | **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](https://www.redventures.com/) | **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](https://www.taesanti.com/)**Complete web design & development for local community organization. Shopify |
|  | **2022****Space Monkey Films**  | **[spacemonkeyfilms.us](https://www.spacemonkeyfilms.us)**Complete web design & development for Drone Media company in SF. Wix, WP |
|  | **2012 - 2016****Phase2 Productions**  | **[kimbrattain.com](https://www.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](http://charliesvision.com/)**[’](http://charliesvision.com/)**[s Vision](http://charliesvision.com/) | **[charliesvision.com](http://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](https://www.raeimages.com/) | **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](https://allseasonsacandhtg.com/) | **[allseasonsacandhtg.com](http://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](https://gopatterson.com/) | **[gopatterson.com](https://gopatterson.com/)**Redesigned existing website. Created seasonal advertising campaign, Apache, PHP |
|  | **2011**[Hinson Mechanical](https://www.hinsonmechanical.com/) | **[hinsonmechanical.com](http://hinsonmechanical.com)**Complete web design & development; Linux, Apache, PHP |
|  | **2011**[American Comfort](https://americancomfortsolutions.com/) | **[americancomfortsolutions.com](http://americancomfortsolutions.com)**Redesigned website and built on Joomla! CMS. Created advertisements; Linux, Apache, MySQL, PHP, Joomla! |
|  | **2010**[Effective Media Solutions](https://myeffectivemedia.com/) | **[myeffectivemedia.com](http://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](https://www.susanmorrow.us/) | **[susanmorrow.us](http://susanmorrow.us)**Complete web, identity, design, and development; NextJS, React, Vercel |
|  | **2008**[College Career Advisors](http://Collegecareeradvisors.com) | **[Collegecareeradvisors.com](http://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-servicesOther: Actionscript / Java / C / C# / C++ / Haskell / F# / Prolog |
|  | **INTEGRATIONS** | Contenful, Stripe, CommerceTools, Plytix, Algolia, Mielisearch, PagesCMS, SanityCMS, TinaCMS, Wordpress, Django, Wagtail, Laravel, CakePHP, Drupal |