

KAITLIN BERRYMAN

Sr. Full-Stack Software Engineer

📞 (614) 338 - 9207 📩 kaitlinberryman@pm.me
🌐 k-berryman.com 🌐 github.com/k-berryman

Skills JavaScript, TypeScript, UI, UX, CX, Figma, React, React Native, Node, Next.js, Express, TailwindCSS, D3, Google Cloud Platform (GCP), AWS, Python, Java, C#, C++, C, VHDL, Postgres, MySQL, MongoDB, CI/CD, Jenkins, GitHub Actions, Stripe, Grafana, Prometheus, Docker, Kubernetes, Shell Scripting, Vim, A/B Testing, Statsig, Postman, Falco, Plotly, Pandas, Mapbox, Jest, Redux, Flask, Django, REST APIs, GitHub Copilot, Scrum, Jira, Ubuntu, git

Work Experience

Field Organizer

Democratic Party of Virginia Coordinated Campaign (2025)
Solely led 50+ volunteers on the 70-mile Eastern Shore, persuading 45k residents. Won all statewide seats.

Applications Engineer

Laminar (Prev. H20k Innovations, Jan 2024 - Mar 2025)
Deployments team lead for multi-million-dollar contracts.

Graphic Engineer Greenfire (2023)

Software Engineer Gaia AI (2022 - 2023)
Lead web & mobile developer. UX & robotics. Typescript & RN.

Jr. Software Engineer Geisel Software (2021 - 2022)

NASA contracts (ROS, RViz, C#, Unity), robotics, Nuxt.js, Vue.js, PHP, Python, MySQL, Vim, C, Webots, JavaScript, React, Express, HTTP, Django, Quickbooks & Harvest APIs.

Studio Manager Color Me Mine (2020 - 2021)

Electrical Engineering Teaching Assistant RIT (Fall 2019)

Engineering Technology Assistant RIT (Spring 2019)

IT & Networking Intern Tech Solutions Now (2018 - 2019)

Tech Education Rep Ohio State Fair Jr. Fair Board (2016 - 2017)

Robotics Camp Lead Instructor Robot Academy (2014 - 2018)

Education

Rochester Institute of Technology (RIT) 2018- 2020
Electrical Engineering (Robotics Option) with Communication Immersion

Springboard 2022

Software Engineering Bootcamp (Full-Stack JavaScript & Python)

Cornell University Ongoing

Online User Experience (UX) Design Certification

Leadership

Avid Volunteer Accomack & Northampton VA Democratic Committees

Mentor & Member FIRST Robotics (FLL, FTC, FRC 2014 - 2024)

Research & Development Director RIT Computer Science House

3D Printer Admin & On-Floor Resident RIT Computer Science House

Projects

County Crops Mobile App

Digital farmer's market for iOS & Android. Interactive Figma. JavaScript & React Native.

Fungi Citizen Science Mobile App

Automated species discovery for iOS & Android. Interactive Figma. JavaScript & React Native.

Custom Guitar Distortion Pedal

Circuitry, breadboarding, soldering.

Augmented Reality Virtual Button

Used C#, Unity, & Vuforia to create motion-dependent maker-based AR demo with trigger.

Gesture Detection for Smart Car

Used C++ and Leap Motion's sensor to control car's music & display screens.

Amazon Clone

Used JS, React, CRA, React Router, Context API, React, Components, Firebase/Google Auth & Hosting & DB, Stripe, Express, JSX, env vars.

Medium Clone

TypeScript, JS, Next.js, Sanity CMS, React, Tailwind CSS 3.0, ISR, SSR, React Hook Form, JSX, built-in API, Vercel, Components.

Netflix Clone

Used JS, React, TMDB API, CRA, Firebase Hosting, Components, react-youtube via npm, movie-trailer via npm.

Spotify Clone

Used React, Next.js12, Tailwind CSS, Recoil, Middleware, NextAuth, Spotify API, Debounce, Custom Hooks, Components.

Uber Clone

React Native, Redux, Tailwind CSS, RN Navigation, RN Maps, Google's Directions API, Places API, Distance Matrix API, Google Autocomplete.

Fam App

React, Next.js, Tailwind CSS, Firebase v9, NextAuth, Faker.js & Recoil.

DIY LISP

Read-Eval-Print Loop (REPL), tokenizer/parser, S-expression evaluator, DIY language in C.

DIY Plasma Cutter & 3D Printers

Built by FRC & FTC robotics teams. Lead CAD mentor.

Instant Robot Chassis CAD

Used C# to create a GUI adjusting parameter-dependent Autodesk Inventor files.

Magic the Gathering Dashboard

Flask, WTForms, SQLAlchemy, Bcrypt, Scryfall API, TailwindCSS, Jinja2, HTML, CSS.

Chat App

Server / Client bi-directional chat app with users with Node, Express, Socket.io, Websockets & qs.