

Nick Lamparelli

Full Stack Web Developer

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Full-stack software engineer with hands-on experience building internal tools, APIs, and user-facing applications that support real-world workflows. Background includes full-stack development (**React, TypeScript, Node.js, SQL, etc**), cloud deployment (**AWS**), and data-driven automation, paired with real operational experience in fast-paced, hardware-adjacent environments.

Known for translating complex technical problems into practical solutions, collaborating across disciplines, and improving systems that support testing, experimentation, and operational efficiency. Passionate about performance technology, cycling, and building tools that help teams move faster with confidence.

Prior Experience

Landrys Bicycles | Sales & Operations

November 2024 -

Boston, MA

- Co-led the launch of a multi-location Used Bike Initiative, assisted in designing workflows for intake, tracking, and resale of inventory.
- Built and maintained SQL queries and database workflows to process form-submitted data into structured records used across multiple retail locations.
- Automated data ingestion from Google Forms into Excel-based processing pipelines, then uploaded cleaned data into Ascend RMS to generate new SKUs and track inventory lifecycle.
- Collaborated with technicians, managers, and non-technical stakeholders to ensure systems aligned with real-world service workflows.
- Took initiative on high-priority operational and technical tasks to maintain service throughput and customer satisfaction in a high-volume service center.
- Reorganized service center parts inventory system, reducing part retrieval time and improving repair turnaround across the shop.

Major Projects

TrailTuned

[Preview](#)

Next.js Supabase React Tailwind.css typeScript.js

- Built a full-stack Progressive Web App that enables users to track and compare mountain bike suspension setups across rides and conditions.
- Designed and implemented a Supabase (PostgreSQL) database to store users, bikes, components, setups, and ride history with clear relational structure.
- Integrated Strava OAuth and Activity API so users can view recent rides and associate ride data with suspension setups.
- Developed responsive, mobile-first UI using Tailwind CSS and accessible Radix UI components.

NicksFlix

[Preview](#)

React.js Angular MongoDB JWT RESTful.API

- Built a MERN & MEAN stack movie database app with secure *user authentication*, profile management, and favorite movie tracking.
- Built with **Next.js**, **TypeScript**, **Supabase**, and **Tailwind**, focusing on data integrity and scalability.
- Integrated **MongoDB Atlas** with **Node.js/Express RESTful API** for scalable backend.
- Deployed app on **Netlify** with **CI/CD** using GitHub

The Bike Bench

[Preview](#)

React.js Material Design OAuth Firestore WordPress

- Developed a Blog platform for Bicycle Tools and technical know how... and nerding out about Custom overly engineered toolboxes.
- Used **React**, **Material UI** and custom components to create a clean and efficient UI.
- Utilized **WordPress** to manage article data
- Integrated **Firebase** with **node.js/express** for a scalable backend.
- Deployed on **Vercel**.

Circle Up

[Preview](#)

React.Native Expo OAuth Firestore

- Developed a cross-platform chat application using **React Native** and **Expo**, enabling deployment on both **iOS** and **Android** from a single codebase.
- Enabled users to send images from their device gallery or camera, with files stored in **Firebase Cloud Storage**.
- Added location-sharing functionality using **device GPS** and displayed coordinates in a map view via the **Gifted Chat library**.
- Designed and styled **responsive UI screens** with customizable chat background colors using **accessibility best practices** including **screen reader compatibility** and clear visual hierarchy for improved **usability**.