Rick Vermeil

Software Engineer

Erie, CO | (610) 202-1418 | rickv85@gmail.com | [Portfolio](#) | [GitHub](#) | [LinkedIn](#)

I specialize in crafting intuitive, high-performance web applications that prioritize user experience. By combining my technical skills with a problem-solving mindset, I develop solutions that are not only functional but also engaging and impactful.

SKILLS

Languages & Frameworks: React.js, TypeScript, JavaScript, Next.js, CSS, Sass, Tailwind, HTML, SQL, Node.js
Systems & Practices: Software Development, Object Oriented Programming, UI/UX Development and Design, Web Development, Jest, Mocha, Cypress, Unit Testing, End to End Testing, Test Driven Development, Git, GitHub, Redux, Figma, RESTful APIs, Agile Methodologies, Continuous Integration and Deployment

PROJECTS

SendTemps | [Repo](#) | 12/2023 - Present | Solo project
Tech: Next.js, React.js TypeScript, NextAuth, Node.js, PostgreSQL, Google OAuth, Google Maps API, Vercel Storage, Git, GitHub
- Architected SendTemps, a full-stack Next.js 14 app, tailored for Colorado Front Range outdoor enthusiasts. Delivers precise NOAA forecasts for both well-known and user-created backcountry locations. Integrates Google OAuth and NextAuth for seamless user account creation and authentication, Google Maps API for user-friendly custom location creation, and a Node.js-PostgreSQL backend with comprehensive CRUD operations, complemented by user-focused error handling.

Ride Ready | [FE Repo](#) | [BE Repo](#) | 3/2023 - Present | Solo project
Tech: React.js, JavaScript, Cypress, OAuth2.0 API, Node.js, Express, CSP, MySQL, Heroku, Sass, CSS, HTML, Git, GitHub
- Integrated OAuth 2.0 authentication with Strava to leverage a user's ride data, enabling the precise calculation of remaining service life for mountain bike suspension in accordance with manufacturer guidelines.

Backcountry Bookings | [Repo](#) | 4/2023 | 7-person team
Tech: React.js, TypeScript, Rails, Ruby, Sass, CSS, HTML, Cypress, Google Maps API, AWS S3 Bucket, Git, GitHub
- Led frontend development and coordinated as Product Manager on a full-stack team that built a U.S. National Park campground search and review platform, which was awarded first place in Turing's "Demo Comp" by a panel of experts in the software industry.

PROFESSIONAL EXPERIENCE

Software Engineer - percipient.ai, Santa Clara, CA - April 2024 to present
- Contributed to a highly complex AI powered React/TypeScript computer visualization application shortly after hire.
- Produced many meaningful UI features as the sole frontend developer on my team.
- Collaborated regularly with the product team on feature designs and functionality to optimize our UX.

Freelance Software Engineer - Vermeil Web Solutions LLC, Erie, CO - May 2023 to present
- Crafted a full-stack [Next.js application](#) for Buttermilk Kitchen to survey secret shoppers about their restaurant experience, collect images from their visit, and seamlessly send the managing staff the collected data via email.
- Designed and engineered a responsive, visually appealing [portfolio website](#) for a professional photographer using Next.js, focusing on an excellent mobile display with image optimization techniques that reduced initial load time by over 500%.
- Excelled in client relations by translating complex web development concepts into understandable language, aligning technical solutions with client business goals, adhering to budget constraints, and meeting tight deadlines.

Product Owner / Content Marketing Manager - Bestop Inc., Louisville, CO - July 2020 to August 2022
- Led a team of developers as the Product Owner of a multi-brand e-commerce website development project.
- Increased project efficiency while reducing spend by over 30%.
- Managed and created all e-commerce website content via WordPress and BigCommerce.

EDUCATION

Front-End Software Engineering - Turing School of Software and Design, Denver, CO   Apr 2023

Bachelor's of Science, Business / Marketing - West Chester Univ. of PA, West Chester, PA   May 2010