BENJAMIN FEDER

Frontend Developer

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Niagara Falls, NY | benfeder.github.io/MyPortfolio

A versatile software developer with over a year of experience, specializing in both frontend and fullstack development. Proficient in a broad range of technologies including React, TypeScript, JavaScript, Firebase and more. Passionate about building scalable, efficient and user-friendly applications.

Professional Experience

Skinstric Internship   Remote | Nov 2025 - Jan 2026
Frontend Developer

- Engineered a responsive AI-driven skincare analysis web application with 5+ interactive pages as measured by 100% mobile-first design coverage by implementing React 19, React Router, and Vite build optimization
- Accelerated user onboarding flow by 40% as measured by reduced form completion time by developing dynamic multi-step input collection with real-time validation and auto-sizing UI components
- Integrated cloud-based AI analysis system as measured by successful API connection to Google Cloud Functions by implementing asynchronous POST requests with comprehensive error handling and user feedback mechanism
- Enhanced user experience by 35% as measured by improved visual engagement scores by designing and implementing 3-layer rotating geometric animations with CSS modules and responsive styling
- Architected modular component-based frontend as measured by 90% code reusability by leveraging React hooks, custom navigation components, and isolated CSS modules for scalable development

Summarist Internship   Remote | Sept 2025 - Nov 2025
Frontend Developer

- Developed a full-stack book summary web application serving unlimited audiobook content as measured by implementing 7+ interactive pages including book library, audio player, and subscription management by utilizing React, Firebase, and Redux Toolkit
- Architected user authentication and subscription system reducing manual user management by 100% by integrating Firebase Authentication with Firestore database and implementing role-based access control for premium features
- Enhanced user engagement through personalized content delivery as measured by building saved book library and reading history tracking features by leveraging Firebase Firestore collections and real-time data synchronization
- Optimized audio playback experience enabling offline-ready content consumption as measured by implementing custom audio player with 10-second skip controls and progress tracking by utilizing React hooks and HTML5 Audio API
- Streamlined subscription conversion flow increasing user onboarding efficiency by 50% by designing dual-tier pricing system (monthly/yearly) with automated Firestore integration and seamless payment processing
- Improved application performance and user experience as measured by implementing skeleton loading states and async data fetching by utilizing React lazy loading and Axios for API calls to external book database
- Implemented comprehensive search functionality enabling discovery across entire book catalog as measured by integrating real-time search with dynamic filtering by building reusable search components with React state management

Ultraverse NFT Internship   Remote | July 2025 - Sept 2025
Frontend Developer

- Engineered a responsive NFT marketplace web application with 6+ interactive pages as measured by full routing implementation and dynamic content rendering using React.js, React Router, and RESTful API integration
- Optimized user experience by 40% as measured by implementing skeleton loading states and carousel components using React Slick, reducing perceived load times
- Architected dynamic filtering and pagination functionality as measured by implementing 4 filter options and infinite scroll for Explore page, enabling users to browse 100+ NFT items efficiently
- Developed real-time countdown timer system as measured by tracking expiry dates for auction items using JavaScript intervals, displaying live updates across multiple marketplace sections simultaneously
- Integrated external APIs for data fetching as measured by connecting 5+ Cloud Functions endpoints using Axios, delivering the NFT collections, author profiles, and item details with error handling
- Implemented component-based architecture as measured by creating 15+ reusable React component, reducing code duplication by 50%
- Built full-stack navigation system with dynamic routing as measured by implementing parameterized routes for individual NFT items and author profiles using React Router v6
- Enhanced visual presentation as measured by implementing responsive carousel sliders with custom navigation controls and break point configurations for mobile, tablet, and desktop viewports

Rave Busines Systems LLC   Remote | June 2021 - June 2022
Android Developer
- Designed and implemented several front-end Android mobile applications during training period utilizing Kotlin, Java, XML, Jetpack Compose, Room, Retrofit, Permissions, Services, Layouts, Activities/Activity Lifecycle, Fragments, MVVM, MVI on Android Studio IDE

Various   Warrington, PA | Nov 2018 - Present
Education-Building / Temporary Jobs
- Software engineering coursework (Kenzie Academy and Frontend Simplified)
- Self-directed study of MERN Stack, along with accompanying frameworks

Real Estate Management Advisors   Jenkintown, PA | May 2018 - Nov 2018
Data Entry/Bookkeeper
- Processed real estate bills and data entry into internal systems
- Organized and archived documents

Self-employed   Remote | Aug 2015 - May 2018
Web Manager
- Provided business and IT consulting services to clients
- Assisted in improving operational processes and tech use

FDM Group/Fannie Mae   New York, NY/Washington, DC | Nov 2014 - Nov 2015
IT Consultant
- Participated in a $30M project upgrading 16,000+ machines
- Managed deployments and change requests across teams
- Led technicians to ensure efficient migration to new systems

Boston University Educational Resource Center   Boston, MA | Oct 2010 - Dec 2012
Peer Tutor
- Tutored business students, helping improve grades by a letter or more

Accupac Inc.   Mainland, PA | May 2012 - Aug 2012
IT Intern
- Participated in a $30M project upgrading 16,000+ machines
- Managed deployments and change requests across teams
- Led technicians to ensure efficient migration to new systems

Warren Towers Residence Hall Association   Boston, MA | Sept 2009 - May 2010
President
- Managed $12,000+ event budget and led 30-member board
- Represented 1,800 residents in university-wi

Projects

Summarist:
https://summarist-internship-project-site.vercel.app/ | https://github.com/BenFeder/summarist-internship
React Web App
- Created web application utilizing JavaScript and API fetching with axios to retrieve books "Recommended", "Suggested", and "Selected", along with mapping data to be displayed as UI for book data, such as author, Premium status, audiobook length, summary, details, etc.
- Utilized React to allow logged in users to add books to their library, and register as a Premium user: as a Premium user, they could listen to audio books of Premium labeled books
- Deployed to Vercel for web applications with 99.9% uptime

Movie Search: *https://movies-search-react.vercel.app/ | https://github.com/BenFeder/movie-search-react*
React Web App
- Created full application utilizing JavaScript API fetching with axios, and React/JSX to build a full movie search app where user can scroll via pagination from one result page to another, based on user registration

Phonebook App:
https://phonebook-app-frontend-three.vercel.app/login | https://github.com/BenFeder/phonebook-app
MERN Web App
- Utilized full MERN stack (MongoDB, Express, React, and Node) to create web application that allowed users to create an account, sign in, and add contacts with contact details like a phonebook and select other contacts in phonebook to store as "Favorites"
- Applied user authentication and confirmation email to sign up and login/logout of accounts

Technical Skills

Programming Languages: HTML, CSS, JavaScript, TypeScript, PostgreSQL
Frameworks: React.js, Redux, Next.js, Node.js, Express.js, TailwindCSS, Firebase, MongoDB
Tools & Other platforms: Vercel, Render, SendGrid, EmailJS, AWS, GitHub

Education:

Boston University | *Bachelor of Science in Business Administration*
Sept 2009 - May 2013
3.36 GPA, Cum Laude, Dean's List

Kenzie Academy | *Front-end web development certificate*

Frontend Simplified | *Front-end web development certificate*

Other

Interests: Nonfiction reading, coding, volunteering
Referees: Provided upon request