



Nate Mueller

Front End Web Developer

I am a Front End Web Developer with **over a year and a half of coding experience**, specializing in crafting modern web applications using **React, TypeScript, JavaScript, HTML, and CSS**. Additionally, I possess over **12 years of business user experience as a founder**, where I utilized **SaaS applications** to successfully build a company that delivered thousands of home music lessons.

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📍 San Jose, CA (remote/relocation possible)

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TECHNICAL SKILLS

Front-End

JavaScript(ES6+), TypeScript, React JS, Redux, SASS, HTML5, CSS3, JSON, Flexbox, Grid, Tailwind, Vite, Mobile First, Responsive Design

Other

SOLID Principles, OOP, GitHub, Git, NPM, VS Code, RESTful API, Adobe Premiere, Web Accessibility, AJAX, Agile, SCRUM, Kanban, Markdown, Trello, Jira



PERSONAL PROJECTS

Pomodoro Timer (03/2023 - 05/2023)

- React app effectively tracks rest breaks using modern react hooks **useEffect, useReducer, useCallback, TypeScript**
- <https://github.com/codeAdventureNow/Pomodoro>
- <https://pomodoro-blush-five.vercel.app/>

Idea Board (02/2023 - 03/2023)

- **React CRUD** app enables you to generate ideas like post it notes and sort them by date or alphabetically
- <https://github.com/codeAdventureNow/Idea-Board-2.0>
- <https://idea-board-2-0.vercel.app/>

Calculator (02/2023 - 02/2023)

- Developed a functional calculator utilizing **useState**, and event handlers in **React**
- https://github.com/codeAdventureNow/Calculator_React
- <https://calculator-react-ashen.vercel.app/>

GitFriends (02/2022 - 02/2022)

- **API** fetch calls to GitHub return user and their git hub connections. **map, JSON, useState**
- https://github.com/codeAdventureNow/Getting_Friends_React
- <https://getting-friends-react.vercel.app/>

Tic Tac Toe (03/2023 - 05/2023)

- User can play Tic Tac Toe against the computer choosing squares
- Applied React hooks useReducer, **useCallback, useEffect** in a modern web app with **Vite**
- <https://github.com/codeAdventureNow/TicTacToeLint>
- <https://tic-tac-toe-lint.vercel.app/>

Magnetic Speaking Landing Page (08/2022 - 09/2022)

- **"The landing page Nate created increased leads by 100% and decreased cost by 60%".** Peter Khoury -Founder Magnetic Speaking
- <https://github.com/codeAdventureNow/Magnetic-Speaking-Landing>
- <https://magneticspeaking.com/executivecommunication/>

Markdown Previewer (03/2023 - Present)

- **React** app generates a **Git Hub** flavored markdown preview
- <https://github.com/codeAdventureNow/Markdown-React-Markdown>
- <https://markdown-react-markdown.vercel.app/>

Wikipedia Search (02/2023 - 02/2023)

- React, **API calls**, map, error handling, useState, **JSON, async, forms**
- https://github.com/codeAdventureNow/Wikipedia_Search_React
- <https://wikipedia-search-react.vercel.app/>



CERTIFICATES

The Complete Javascript Course 2022 (01/2022 - 04/2022)

Udemy- 69 hour course- Instructor Jonas Schmedtmann- **Functional vs. Object Oriented Programming, Promises, Local Storage, Data Structures**

Modern HTML & CSS From The Beginning (04/2022 - 07/2022)

Udemy- 21 hour course- Instructor Brad Traversy- **Flexbox, Grid, Advanced Selectors, Keyframes, Transitions, SASS, Media Queries, CSS Variables**

Javascript The Advanced Concepts (04/2022 - 05/2022)

Udemy- 25.5 hour course- Instructor Andre Neagoie- **Call Stack, Memory Heap, Scope, Hoisting, Closures, Binding, Currying, Type Coercion, Try/Catch**

Tailwind CSS from Scratch (07/2022 - 07/2022)

Udemy- 12 hour course- Instructor Brad Traversy- **Transition, Transform, Animations, Keyframes, Flexbox, Grid, Modals, Gradient Overlays**

Git Hub Practical Guide (04/2022 - 08/2022)

Udemy- 10.5 hour course- Instructors Maximilian Schwarzmuller, Manuel Lorenz- **Merge Types, Detached Head, Stash, Forking, Cloning, Pull Requests**

Modern React with Redux (03/2023 - 04/2023)

Udemy- 37.5 hour course- Instructor Stephen Grider- **Hooks, Event Handlers, Async/Await, Form Handling, Data Persistence, Routing, Redux Toolkit**

Responsive Web Design (05/2023 - 05/2023)

Free Code Camp -Estimated 40 hours of coursework that includes **HTML, CSS, Flexbox, Grid, Accessibility**, 100's challenges, and 5 projects.

Agile Fundamentals: Including Scrum & Kanban (07/2023 - 07/2020)

Udemy-4.5 hour course- Instructors Jeremy Aschenbrenner, Vivek & Pabitra Khattri- **Sprint, Ceremonies, Backlog Refinement, User Stories**



WORK EXPERIENCE

Front End Engineer

Musicians Mobile

08/2023 - Present

South SF Bays leading service for home music lessons

[Achievements/Tasks](#)

- Currently redeveloping the company website in **React, TypeScript** and working on mobile apps for students and teachers.

Owner/Founder

Musicians Mobile

08/2009 - Present

South SF Bays leading service for home music lessons

[Achievements/Tasks](#)

- Developed** a brand and reputation that has **delivered thousands of quality home music lessons** to South San Francisco Bay families for over a dozen years.
- Recruited** and **mentored** over 30 music teachers to harness the power of music for joy, connection, and growth. **Retained teaching talent for over a decade.**
- Managed** and **led teams** of contractors and employees consisting of graphic designers, human resources, SEO contractors, marketing specialists, and web designers.
- Designed streamlined business systems**, company vision, and **documentation**, with **web tools** NoCrm, **Google Docs & Sheets**, Paypal, **WordPress**, ADP, Quickbooks, **Trello, Adwords**, and Yelp.

San Jose, CA

Songwriter/Producer/Sound Engineer

InfiNate Productions LLC

08/2009 - Present

Developing songs for artists, film, and television.

[Achievements/Tasks](#)

- Songs and music productions licensed to Modern Family, Access Hollywood, MTV, E!**, P Diddy's Making The Band, A&E Runs House, Life of Ryan, **ABC & NBC.**
- Engineered sound design** for the music video "Ice Cream Paint Job" by Dorrough with over **35 million You-Tube views.**
- Responsibilities include working with **sound engineering** tools such as Ableton, and Cubase. **Editing audio files**, recording and tracking instruments and vocals. A multi-instrumentalist of guitar, bass, and keyboards.

San Jose, CA