






# ANDREW KLEINDIENST

## SOFTWARE ENGINEER

### ABOUT ME

Adaptable and enthusiastic software engineer living in Durham, NC and pursuing a career in coding. Has experience creating dynamic, client-facing applications using React and GraphQL. A natural team-leader who values communication and has a passion for working collaboratively to solve problems. Transitioned from small business owner, leveraging team-leadership, communication, and organization skills to develop high-quality software.

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developer-portfolio

### EDUCATION

#### UNC Coding Bootcamp

UNC Chapel-Hill

November 2022 - May 2023

- Full-Stack Software Engineering Program

#### Master's Degree

Rutgers University

September 2012 - May 2014

- Jazz Trombone Performance
- Music Theory | Composition

### TECHNICAL SKILLS

#### Front-End:

- React, Angular, Handlebars, jQuery,
- JavaScript ES6, TypeScript
- CSS, Tailwind, Bootstrap, Material UI
- HTML, JSON, HTTP
- Chart.js, Cloudinary.js, Jest
- REST API, GraphQL
- MERN-stack

#### Back-End:

- Python
- SQL, NoSQL
- Sequelize, Express, Node.js, Mongoose
- JWT, Apollo Client

#### Programming Models

- Object Oriented Programming,
- Model View Controller
- Progressive Web Applications

#### Collaboration

- Git, GitHub, Agile Development
- Excalidraw

#### Cloud Platforms

- Heroku

### PROJECTS

#### Studio Hub

[studio-hub-2240901ba348.herokuapp.com/](https://studio-hub-2240901ba348.herokuapp.com/) May 2023 - Present

Full Stack Developer

- MERN-stack management tool for music teaching studios.
- Developed the entire application from wireframe to deployment to include responsive design using React and Material UI.
- Tech: Material UI, GraphQL, Mongoose, React, GraphQL, Stripe, Express, JWT

#### Launch Pad

[launch-pad.herokuapp.com](https://launch-pad.herokuapp.com)

May 2023

Tech Leader of 6-person development team

- MERN-stack small-business donation app developed using agile and Git.
- Led project design, created wireframe, implemented agile principles, developed UI/UX, integrated media uploading, cloud deployment to Heroku, integrated front-end and back-end using GraphQL and Apollo Client.
- Tech: GraphQL, Mongoose, React, Tailwind, GraphQL, Stripe, Express, dotenv

#### FitTrack App

[fittrack.herokuapp.com](https://fittrack.herokuapp.com)

March 2023

Front-End and Back-End developer

- Full-Stack Health and Wellness exercise-tracker designed using MVC architecture.
- Developed user routes, integrated Chart.js with user data, developed dynamic rendering, integrated media upload using Cloudinary.js, contributed to UI/UX design
- Tech: MySQL, Handlebars, Express, Cloudinary.js, Sequelize, Git, Agile, Chart.js, dotenv

#### The Pantry

[andykb9b13.github.io/pantryApp/](https://andykb9b13.github.io/pantryApp/)

January 2023

UI/UX Developer

- Front-End cooking / recipe app for making a weekly meal plan based on the weather
- Created front-end styling, integrated Spoonacular API, wrote Javascript for UI, created wireframe, implemented agile development practices.
- Tech: HTML, CSS, JavaScript, PICO

### EXPERIENCE

#### Andy Kleindienst Music Services

2006 - Present

Owner

- Developed and implemented StudioHub application for tracking student assignments, creating weekly practice plans, setting goals, and managing the student database for teaching studio.
- Live sound and studio audio engineering for a variety of clients including Deep Sound Studios, Charanga Carolina, and Orquesta GarDel.
- Written dozens of professional arrangements with Sibelius notation software.