

# Michael Weiss

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## TECHNICAL SKILLS

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### Front End:

JavaScript ▪ HTML ▪ CSS ▪ React ▪ jQuery ▪ Bootstrap ▪ JSON ▪ Jest

### Back End:

SQL ▪ NoSQL ▪ PostgreSQL ▪ MongoDB ▪ Mongoose ▪ GraphQL

### CI/CD & Cloud:

Git ▪ GitHub ▪ Agile ▪ Heroku

## PROJECTS

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### RetroPix

Sole Developer

*ReactJS, PostgreSQL, Express, Node.js, Tailwind CSS*

- Retro-themed pixel drawing social media application aimed at fostering local social interactions
- Developed the platform to facilitate businesses/events in establishing personalized “lounges” for users to engage in pixel art and social interactions
- Designed and developed the Gallery lounge, showcasing all user-generated pixel art with interactive commenting functionality
- Employed modern security practices by integrating JSON Web Tokens, bcrypt, and regexes for input validation

### AIL Instant Messenger

Sole Developer

*ReactJS, PostgreSQL, Express, Node.js, Artificial Intelligence*

- Instant-Messaging app for chatting with AI bots based off of real characters
- Bots are created by storing pertinent character information with JSON in a React State, which is then sent as request parameters to OpenAI's API
- Context - bots will have context to their current conversations by utilizing a chat history State, and are able to remember and recall unlike other chat bots

### LaunchPad

Back End / CRUD

*ReactJS, MongoDB, Express, Node.js, GraphQL, Tailwind CSS*

- Crowd-funding website where small businesses can post items they are in need of and donors can contribute to
- Two different types of accounts - donors and businesses. Donors can donate to items posted by businesses utilizing Stripe fintech software
- Collaborated following an Agile development lifecycle and a CI/CD pipeline with GitHub

## EDUCATION

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### University of North Carolina at Chapel Hill

May, 2023

*Full Stack Software Developer Certificate*

- Graduated with a near-perfect academic score
- Presented at the edX June 2023 “Demo Day” for industry professionals
- Regarded by classmates as one of the top go-to's for assistance and feedback on projects

### East Carolina University

December, 2013

*Bachelor of Arts, Psychology*