

# Matthew Klimek

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## Programming Skills

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### Languages

- Javascript, Typescript, Python, SQL, HTML, CSS

### Frameworks, Technologies, Standards

- Node.js, React, React Native, Redux, Next.js, NestJS, Express, Django, Docker, MongoDB, Supabase, Figma, Agile Development, Circle CI, Datadog, Vercel, FHIR,

### Hosting Tools

- Amazon Web Services (AWS), S3, Cognito, EC2, Elastic Container Registry (ECR), Elastic Container Service (ECS), Route 53, AWS Amplify, Amazon WorkMail, Vercel, Google Cloud Platform (GCP), VM Instances, Big Query, Pub/Sub

## Professional Experience

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### [Achievable Health](#) 🔗 | *Volunteer Full Stack Software Engineer*

Jun 2023 - Present

- Worked with HTML, Typescript, Javascript, Python, React (Next.js), PostgreSQL, NodeJS, AWS.
- Built an internal component library from scratch using Figma, HTML, CSS (TailwindCSS), Javascript, React (Next.js).
- Utilized React hooks for creating local contexts and manipulating the HTML DOM for dynamic, interactive user interfaces.
- Designed a developer-friendly file system based router using Next.js's App Router.
- Developed a Javascript API for CRUD operations regarding domain entities, such as tasks, goals, and users.
- Implemented authentication including OAuth 2.0 IDConnect for Google, Apple, and Facebook using Supabase.
- Designed and implemented SQL models for key domain entities, such as tasks, goals, and users.

### [Cue Health](#) | *Full Stack Software Engineer*

May 2022 - Jun 2023

- Worked with Javascript, Typescript, HTML, React, NestJS, MongoDB, GCP.
- Engineered a user email update feature, slated for integration into the mobile app.
- Updated Mongo data models to include new data about multiple objects.
- Contributed to onboarding documentation about the web-app and API.
- Built out Javascript endpoints for transferring memberships.
- Spearheaded a program to integrate employee accounts with direct-to-consumer accounts, allowing users to access all organization memberships through their personal accounts.

## Projects

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### [FlashcardGPT](#) 🔗 | *HTML - React - Next.js - React Native - Expo - Express - SQL - MongoDB - Javascript - Typescript - AWS*

- React (Next.js) / React Native (Expo) App and Chrome Extension plugin for creating flashcards from conversations with ChatGPT making it easier to remember what you've learned.
- Developed an intuitive file-based router with Next.js's App Router, leveraging server components for data fetching and caching to reduce page load latency.
- Rolled out custom authentication with password hashing, email verification with Twilio APIs, JWT tokens.
- Created Javascript API for CRUD operations regarding domain entities, such as users, topics, and flashcards.
- Integrated PostgreSQL to track user study sessions and performance analytics.
- Designed and implemented an intuitive UX/UI using HTML, CSS, Javascript, React (Next.js), and React Native (Expo).
- Built a CI/CD pipeline with Cypress and CircleCI to automatically run and verify tests before code can be merged.

### [SnoopGPT](#) 🔗 | *HTML - React - Javascript - Typescript - GCP*

- React SPA for chat interface with AI Snoop Dogg if the real Snoop is unavailable.
- Integrated with Open AI's chat completion API and Eleven Labs Text-to-Speech API
- Designed and implemented a user friendly UX/UI using HTML, CSS, Javascript, and React.

## Education

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Eckerd College, Saint Petersburg, FL

Bachelors in Computer Science

May 2020