

Huse Kivrak | Software Engineer | New York City, NY

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SKILLS

Languages: TypeScript, JavaScript, Python, SQL, HTML, CSS

Frameworks & Libraries: React, Next.js, Django, Node.js, Express, Django REST Framework, Flask, Tailwind CSS

Tools & Technologies: PostgreSQL, AWS, Drizzle ORM, Git, Jest

EXPERIENCE

Software Engineer Intern | Rithm School May 2023 - June 2023

- Implemented new features and bug fixes across a complex live production codebase.
- Developed a media storage application with cloud storage and enhanced search capabilities.
- Built a course toggling system to allow efficient and secure curricula access for students.
- Collaborated with an Agile team, engaging in daily standups and week-long sprints.

Director of Education | Science Museum of Long Island May 2021 - July 2022

- Led initiatives reaching over 15,000 students through partnerships with public and private institutions.
- Oversaw daily operations, driving cross-functional collaboration and strategic planning with staff, clients, and trustees.

Program Coordinator May 2020 - March 2021

- Trained and supervised team of 6 educators on curriculum design, development, and implementation.
- Connected with clients as primary contact, ensuring content alignment through open and prompt communication.

Science Educator Dec 2015 - May 2020

- Delivered STEM programs for K-12 students, expanding programming offerings with Scratch and Lego Mindstorms.

PROJECTS

npSpeak | AI Voice Generator for Storytellers [GitHub](#)

TypeScript, Next.js, React, AWS, PostgreSQL, Drizzle ORM, and Tailwind CSS

- Created a full-stack application that allows users to generate natural-sounding speech for their game characters.
- Implemented scalable storage solutions using AWS S3, utilizing presigned URLs for efficient and secure user access.
- Built a drag-and-drop soundboard and custom audio player for intuitive audio management and responsive feedback.
- Collaborated with a diverse user base, incorporating feedback to iteratively shape and improve functionalities.

AMP Portal | Customer Service Dashboard [Live Demo](#) | [GitHub](#)

TypeScript, Next.js, React, and PostgreSQL

- Developed and deployed an administrative portal within a one-week timeline, adding backend features for data persistence and expanded functionality.
- Built searchable, sortable data tables with row actions and real-time data updates.
- Integrated an efficient autocomplete search bar to enable instant access to client detail pages.

Jobly | Job Board App [Live Demo](#) | [GitHub](#)

JavaScript, React, Node, Express, and PostgreSQL

- Built RESTful API with Express to efficiently serve dynamic content to a single-page React front end.
- Wrote JWT-based middleware for stateless authentication and authorization for backend API routes.

EDUCATION

Rithm School | Full Stack Web Development Bootcamp June 2023

Clark University | B.A. Biology & Philosophy May 2014