

Huse Kivrak

Full Stack Software Engineer | New York City, NY

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Technical Skills

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

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

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

Technical Projects

npSpeak | *TypeScript, Next.js, React, AWS S3, PostgreSQL, Drizzle ORM, Tailwind CSS* [Live Demo](#) | [GitHub](#)

- Built a full-stack application that allows users to generate and manage AI-driven speech for game characters.
- Integrated AWS S3 for secure audio storage, ensuring scalable file management using presigned URLs.
- Designed a responsive user interface using reusable React components, creating intuitive features like sortable tables, dynamic voice filters, and drag-and-drop soundboards.
- Configured Stripe webhooks to automate subscription payments and product updates with real-time synchronization.
- Launched early access using an invite-only code system, refining the app through continuous user collaboration.

AMP Portal | *TypeScript, Next.js, React, PostgreSQL* [Live Demo](#) | [GitHub](#)

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

Engineering Experience

Software Engineer Intern | Rithm School May 2023 - June 2023

- Implemented new features and bug fixes across a complex live production Django codebase.
- Developed a media storage application using cloud infrastructure, enhancing search functionality with IBM Watson.
- Engineered a course toggling system enabling secure and efficient curricula access for students.
- Contributed to an Agile environment, actively participating in daily standups and week-long sprints.

Additional Work Experience

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

- Led initiatives reaching 15,000+ students through partnerships with public and private institutions.
- Directed cross-functional teams of stakeholders and trustees, revitalizing communications to streamline operations.
- Managed digital tools (Wix, MemberZone, Intuit, Mailchimp) to oversee event registration and membership, transforming client relations through expanded public outreach.

Program Coordinator May 2020 - March 2021

- Oversaw team of 6 educators, providing training on curriculum development and implementation for K-12 students.

Science Educator Dec 2015 - May 2020

- Delivered interactive STEM programs and expanded offerings with hands-on tools like Scratch and Lego Mindstorms.

Education

Rithm School | Full Stack Web Development Bootcamp June 2023

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