

# HUSE KIVRAK

New York, NY | +1 (516) 423-1720 | huse@husekivrak.com | LinkedIn | GitHub | Website

## TECHNICAL SKILLS

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

**Frontend:** React, React Native, React Testing Library, Next.js, jQuery, Axios

**Backend:** Node.js, Express.js, Flask, Django, PostgreSQL, SQLAlchemy, Prisma

**Tools and Testing :** Git, Github, Vercel, AWS S3, Figma | Jest, PyTest, unittest, Integration test

## SOFTWARE ENGINEERING EXPERIENCE

Rithm Student Information System

San Francisco, CA (Remote)

**Software Engineer Intern**

05/2023 - 06/2023

- Refactored an extensive learning management system, improving modularity and performance using Python and Django
- Created a talk library application, leveraging AWS S3 for media storage and integrating IBM Watson for sophisticated search capabilities
- Built a user-centric cohort listing application to improve material accessibility, emphasizing intuitive UI/UX design
- Developed a comprehensive testing strategy with factory\_boy, ensuring code reliability and achieving 98% coverage
- Delivered code through agile practices, engaging in 1-week sprints and daily stand-ups with a focus on CI/CD

## PRIOR EXPERIENCE

Science Museum of Long Island

Manhasset, NY

**Director of Education**

05/2021 - 07/2022

- Led initiatives and cross-functional stakeholder collaborations, driving sustainable growth and reaching 15,000+ students
- Oversaw daily operations encompassing strategic planning, program administration, and staff management
- Implemented database metrics and customer feedback to establish data-driven insights and enhance operational efficiency
- Enhanced management software through automation, dynamic attendance management, and simplified UX

**Program Coordinator**

05/2020 - 03/2021

- Managed end-to-end educational programming, guaranteeing content alignment as primary contact for clients
- Expanded computer science curriculum, incorporating hands-on platforms like Scratch and Lego Mindstorms

**Science Educator**

12/2015 - 05/2020

## TECHNICAL PROJECTS

**Real-time Social Messaging App**

[Live Demo](#) | [GitHub](#)

*A full-stack Twitter clone using Flask, SQLAlchemy, and PostgreSQL*

- Designed a scalable backend in Flask, integrating SQLAlchemy's ORM with PostgreSQL to ensure scalability and improved querying
- Prioritized user security, integrating Bcrypt for password encryption and streamlined authentication
- Crafted data models that efficiently manage 'one-to-many' and 'many-to-many' relationships

**Job Application Site**

[Live Demo](#) | [GitHub](#)

*A full-stack job search platform using React, Node, Express.js, and PostgreSQL*

- Crafted a responsive React frontend, applying live search and intuitive navigation for an optimal user engagement
- Developed a REST API with Express for efficient data retrieval and handling using PostgreSQL
- Implemented JWT-based authentication via custom middleware, securing API endpoints

**Personal Website**

[View Site](#) | [GitHub](#)

*My personal site and blog using TypeScript, Next.js, and Vercel*

- Engineered a responsive and accessible interface with Radix-UI components and Tailwind CSS
- Integrated a Markdownx blog utilizing Contentlayer for smooth content management, enabling seamless and performant updates

**Mobile Schedule App**

[GitHub](#)

*A mobile event schedule application using React Native, TypeScript, and Expo Secure Store*

- Built a cross-platform React Native app with a responsive UI, delivering a consistent user experience across various devices
- Optimized data fetches to reduce latency, ensuring users receive real-time schedule updates
- Backend integration with Django Rest Framework ensured robust data support and reliability

## EDUCATION

**Rithm School**

San Francisco, CA (Remote)

Full Stack Web Development Bootcamp

06/2023

**Clark University**

Worcester, MA

B.A., Biology & Philosophy

05/2014