HUSE KIVRAK

New York, NY | +1 (516) 423-1720 | huse@husekivrak.com | linkedin.com/in/husekivrak | github.com/husekivrak | husekivrak.com

TECHNICAL SKILLS

Languages: JavaScript, Python, TypeScript, SQL, HTML, CSS, Markdown
Frontend: React, Next.js, React Native, jQuery, Axios
Backend: Node.js, Express.js, Flask, Django, PostgreSQL, SQLAlchemy, Prisma
Tools: Git, Github, Vercel, AWS S3, Figma | **Testing:** Jest, React Testing Library, PyTest

EXPERIENCE

Rithm
Software Engineer Intern   05/2023 - 06/2023
- Refactored extensive learning management system using Python and Django, improving modularity and enhancing performance
- Developed talk library application with Django, integrating AWS S3 for media storage and IBM Watson for advanced search
- Implemented cohort switching feature in Django to streamline user access, ensuring consistent site-wide authentication
- Wrote unit and integration tests for comprehensive testing using factories, achieving 98% coverage
- Delivered code through agile practices, engaging in 1-week sprints and daily stand-ups emphasizing CI/CD

Science Museum of Long Island
Director of Education   05/2021 - 07/2022
- Led initiatives reaching 15,000+ students by fostering sustainable partnerships with educational institutions and local businesses
- Oversaw daily operations, driving cross-functional collaboration to elevate strategic planning and team management
- Introduced data-driven insights using database metrics and customer feedback, boosting efficiency and strengthening client relations
- Optimized staff workflow with upgraded management software, enabling automated tasks and dynamic attendance tracking

Program Coordinator   05/2020 - 03/2021
- Trained and supervised team of 6 educators on curriculum design, development, and implementation
- Collaborated with clients as primary contact, ensuring content alignment through clear and effective communication

Science Educator   12/2015 - 05/2020
- Delivered STEM programs for K-12 students; expanded computer science curriculum with platforms like Scratch and Lego Mindstorms

TECHNICAL PROJECTS

Real-time Social Messaging App
A full-stack Twitter clone using Flask, SQLAlchemy, and PostgreSQL
- Designed scalable backend in Flask, integrating SQLAlchemy's ORM with PostgreSQL to ensure scalability and improved querying
- Integrated Bcrypt for password encryption to enhance user security and streamline authentication
- Crafted data models using SQLAlchemy to efficiently manage 'one-to-many' and 'many-to-many' relationships

Job Application Site
A full-stack job search platform using React, Node, Express.js, and PostgreSQL
- Developed responsive React frontend, applying live search and intuitive navigation for optimal user engagement
- Created robust PostgreSQL database, leveraging ACID-compliant transactions and extensibility for system scalability
- Designed REST API with Express to efficiently serve dynamic content while maintaining performance and flexibility
- Wrote JWT-based middleware for stateless authentication, enhancing scalability and optimizing mobile access

Personal Website
My personal site and blog using TypeScript, Next.js, and Vercel
- Employed Next.js with TypeScript to build strongly typed website optimized for fast page loads and improved SEO
- Designed interface with Radix-UI, leveraging its accessible components with Tailwind CSS to craft a responsive and inclusive interface
- Integrated Markdownx blog with Contentlayer for smooth content management, enabling seamless and performant updates

Mobile Schedule App
A mobile event schedule application using React Native, TypeScript, and Expo Secure Store
- Created responsive UI design with React Native to deliver consistent user experiences across platforms and devices
- Optimized data fetches to reduce latency, ensuring users receive real-time schedule updates
- Integrated Django Rest Framework with React Native frontend to establish robust data support and reliability

EDUCATION

Rithm School | Full Stack Web Development Bootcamp   06/2023
Clark University | B.A., Biology & Philosophy   05/2014