Ian Iversen

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Linkedin | Github | Blog | Portfolio

SOFTWARE ENGINEER

Full Stack Web Developer with a background in System Engineering. Successful in building and deploying novel web applications, incorporating user feedback, and managing the CI/CD lifecycle. Strong skills in communication and working collaboratively to help companies achieve their goals. Passion for audio software and blockchain technology.

TECHNICAL SKILLS

TypeScript | React | PostgreSQL | C | Git | Ruby on Rails | Next | Python | Java | NodeJS | AWS | MS Azure
API Integrations | ConnectWise | BrightGauge | HTML | CSS | Tailwind | JSON | Heroku | MacOS | Windows | Linux

TECHNICAL PROJECTS

BrightGauge API Integration (CRM SQL Database) - Project Lead
This project augmented ITCSNY's ConnectWise (CRM) database to allow for customizable data insights.
- Company's CRM SQL database connected via Agent to deployed server (Azure) for novel data configurations.
- Internal company data ranging from inventory, purchasing, billing, scheduling, project status and more.
- Dashboards and gauges built out to provide co-workers with unique data reports, analytics, and insights.

DEMO - Github | Demo
This web app allows users to record multiple audio tracks, play them back, and share them publicly.
- Engineered custom solution to capture audio and post it immediately to DB once recording terminated.
- Utilized Ruby on Rails' Active Storage to store audio files as blob data within a SQL database.
- Developed communication between client and server side using RESTFUL endpoints.
- Implemented playback timeout solution to allow for 4 tracks to play synchronously.

Minesweeper Snake - Github | Demo
This web app reimagines the popular game Snake in the style of Microsoft's Minesweeper.
- Established MVC pattern to persist user's gameplay via PostgreSQL, Ruby on Rails and Heroku.
- Programmed JavaScript frontend game logic true to the classic Nokia Snake.
- Detailed the visually iconic Minesweeper aesthetic using CSS, JavaScript, and HTML.

EXPERIENCE

ITCSNY   New York, NY
System Engineer   June 2023 - Current
- Integrated data networks and digital video surveillance systems in NYC public schools following the DOE's engineering specifications. Cisco Meraki MS390/9300/2960 switches, Lenovo SR650 servers, Cisco 9500 Fiber Switches, and Cisco 8300 Routers, APC SMT3000 uninterruptible power supplies.
- Configured switch port VLANs, fiber/ethernet connections, and servers using TCP/IP, DNS, and Subnetting.
- Communicated with construction project officers, general contractors, electricians and related vendors to ensure scope of installations were completed. Used MS Outlook, Teams, Excel, Dropbox, and ConnectWise (CRM).
- Regularly worked with As-Builts and AutoCAD floor plans to ensure integrations followed approved design.

MealPal   New York, NY
Product Associate   2023
- Assisted the product development process at MealPal, a Series B startup offering discounted lunch takeout subscriptions to users.
- Tested software in staging environments for quality assurance purposes on web and mobile.

EDUCATION

Flatiron School   Remote
Full Stack Web Development Bootcamp   June 2022 - October 2022

Skidmore College   Saratoga Springs, NY
Bachelor of Arts in American Studies   January 2018