

Micah Katz

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EDUCATION

Bachelor of Science (B.S.) – Computer Science (GPA 3.6)
University of Texas at Dallas

Sep 2019 – May 2023

SKILLS

Languages: JavaScript, Typescript, Python, React, React Native, C, C++, Java, Ansible, GoLang, HTML, CSS
Tools: Git, Docker, SQL, Unix Shell, REST API, CI/CD, Langchain, TensorFlow, Pandas, FastAPI
Cloud Services: AWS, IBM Cloud, GCP, Kubernetes, Virtualization

EXPERIENCE

Full Stack AI Software Developer and Tech Lead

Aug 2023 – Present

SelectQuote

- Led a team of developers to build a feature-rich editor for managing LLM phone call workflows.
- Created neural networks that improved speed for a real-time production application 200-fold.
- Implemented a Large Action Model that lets employees interact with a company database via LLM.
- Integrated RAG, LLMs, and a LAM into a chat website for all SelectQuote employees.

Full Stack Software Developer

Jun 2021 – May 2023

IBM

- Architected and led the TypeScript development for multiple 5G Edge industry solutions built on RedHat OpenShift, a fully deployed 5G network, and different IBM products.
- Utilized MQTT subscriptions and Webhooks to display real-time alerts for AI object detection from a camera, demonstrating the power of IBM Visual Inspection Products.
- Above work was used to progress client opportunities in multiple client engagements where I presented at customer workshops/key industry events and were used for PoC's resulting in multiple wins for IBM.

Front-end Software Developer

Jun 2020 – May 2021

JamFeed

- Implemented new functionality such as Google Analytics, Forgot Password, Confirm Email, Apple login, and JWT Authorization, improving the app's security, convenience, and compatibility.
- Built a pipeline that utilizes ML to add notifications, extract artist names, and categorize each article, eliminating the need for the co-founder to spend more than 20 hours per week on manual work.
- Designed and developed a custom "Smart Reader" API using Node.js to display news articles in a friendly format on the JamFeed app, eliminating pop-up ads and increasing user retention.

PROJECTS

Workflow Manager UI | Next.js, React, Node.js, React-Flow

Aug 2023 – Present

Created a full-stack UI for managing SelectQuote AI call workflows.

Internal LLM Chat UI | Next.js, React.js, Node.js, OpenAI API

Aug 2023 – Present

Created a full-stack UI for all SelectQuote employees to interact with multiple LLMs.

AI Visual Inspection UI | IBM MVIE, React, Node, Linux, Websocket/MQTT

Nov 2022 – Feb 2023

Developed a real time face-mask alerts demo to sell IBM AI products.

Team Solutions Dashboard | React, Node, Linux, API, CSS

Mar 2023 – May 2023

Developed a dashboard for my IBM team to do CRUD on our internal website containing markdown articles.

5G System Status UI | React, Node, API, CSS, Linux

Apr 2022 – Jun 2022

Developed a draggable flowchart UI showing internal IBM 5G systems and their JSON data as tables.

UT Dallas Senior Design Project | React.js, Next.js, Prisma, MySQL

Jan 2023 – May 2023

My Team was tasked with building a website for students to find tutors and schedule appointments.