

# MATTHEW HENSCHKE

[linkedin.com/in/matthewhenschke](https://www.linkedin.com/in/matthewhenschke) || (917) 543-3731 || [matthewhenschke98@gmail.com](mailto:matthewhenschke98@gmail.com)

## OBJECTIVE

Seeking mid-level/senior software developer positions to utilize my experience in developing web applications and RESTful APIs, and my passion for learning industry-facing technologies.

## TECHNICAL SKILLS

**Programming:** Node, React, TypeScript, Next, JavaScript ES6, Java Spring Boot, Python, SQL, C++, Java, CSS, JQuery, SQL, SASS, HTML5

**Technologies:** Git, Docker, NPM, Gradle, Postgres, Heroku, OS X, Linux, MySQL, IBM Watson, MongoDB, Pip, AWS S3, AWS EC2, AWS CloudFront, IBM WatsonX Orchestrate, IBM WatsonX AI

## EXPERIENCE

### **IBM**

New York, NY

*Software Developer*

*December 2020 – Present*

- Developed reusable UI components and REST API microservices for *Your Career*, an internal IBM web application serving over 200,000 unique users.
- Spearheaded initiative to migrate the UI application from a legacy JavaScript and React.js technology stack, adopting a modern technology stack consisting of Next.js and Typescript through development and strategic refactoring leading to a \$100,000 in cost savings and a 15% reduction in reported bugs and technical debt
- Implemented and refactored over 15 REST API endpoints using Java Spring Boot, reducing technical debt by 20% and improving test coverage by 25% with Junit, Mockito, and H2
- Mentored two interns through onboarding and integration into the development team, enhancing their hands-on experience and code proficiency with front-end and back-end technologies by facilitating pair programming sessions

### **WorkSchool**

New York, NY

*Virtual Software Developer Intern*

*August 2020 – November 2020*

- Built 2 microservices from the ground-up using TypeScript and Express while adhering to OOP principles
- Fixed bugs in the client-application written in Next.js for it to effectively render its different static routes on AWS S3 and AWS CloudFront
- Worked extensively with Git and Docker for version control and containerization of microservices

### **Columbia Engineering Coding Bootcamp**

New York, NY

*Teaching Assistant*

*July 2020 – December 2020*

- Taught students full-stack development using the MERN Stack for them to become skilled full-stack developers
- Mentored groups of 15-20 students and reinforce concepts taught in lectures during class activities
- Hosted remote lectures via Zoom

### **Elsevier/Knovel**

New York, NY

*Technology Intern*

*June 2019 – August 2019*

- Worked closely with the Knovel Project Agile development team to write automated Python scripts that converted different scientific property CSV files to JSON which were then used to populate 3 Knovel database tables
- Designed E-R diagrams to vividly illustrate logical structure of Knovel's database

## PROJECTS

**Stock Portfolio Application** | Node/React/Redux.js/MySQL/Bootstrap 4/CSS

**March 2020 - April 2020**

- Objective: Develop a web application that allows users to buy and sell stocks, and view their stock portfolio using the IEX Cloud API

<https://matt-henschke-stock-app.herokuapp.com/>

**Lyric Analysis** | Node/React/TypeScript/Bootstrap 4/CSS

**November 2019 – January 2020**

- Objective: Develop a web application that extracts song lyrics using web-scraping techniques and the Genius API where sentiment analysis can be performed using IBM Watson's NLP API

<https://matthenschke-lyric-analysis.herokuapp.com/>

## CERTIFICATIONS

**AWS Certified Cloud Practitioner**

Expires: February 2028